Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

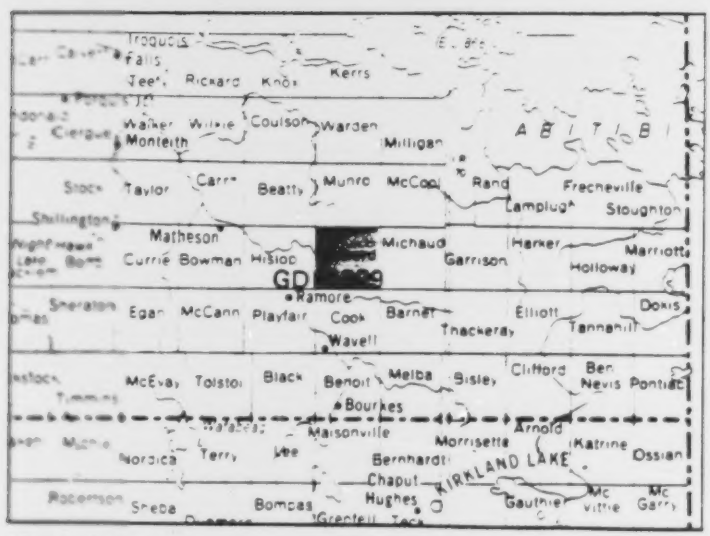
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 399

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Compiled by the Staff of
the Resident Geologist's Office
Kirkland Lake



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

88-02257/

NTS Number 42A/08, 42A/09

Mining Claim Map Number

This project is part of Operation Black River-Matheson (BRIM) which was funded equally by the Ontario Ministry of Northern Development and Mines and the Ontario Ministry of Natural Resources.

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1987: Guibord Township, District of Cochrane: Ontario Geological Survey, Geological Data Inventory Folio 399 compiled by the staff of the Resident Geologist's Office, Kirkland Lake, 84p, and 4 maps.

Original Compilation by: Mike Woods and P. Savarie
May 23, 1987

Date	Page Revised	Revised by

Date	Page Revised	Revised by

GUIBORD TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 3 maps

Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	M.W.
2	Assessment Files Research Office, Toronto	NO	M.W.
3	ODM General Index: 9 volumes	YES	D.M.
4	Catalogue of Airborne Geophysical Surveys (ODM)	-	-
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	M.W.
6	ODM Industrial Mineral Reports	NO	M.W.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	M.W.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	M. W.
9	Newspaper Clippings File	NO	M.W.
10	GSC Index to Publications	YES	M.W.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	M.W.
12	OGS Index Maps	YES	M.W.
13	Source Mineral Deposit Records (O.G.S.)	YES	M.W.
14	Author - Subject Articles File	YES	M.W.
15	Miscellaneous Papers: ODM & OGS	YES	M.W.
16	ODM Geological Circulars: OGS Study Series	NO	M.W.
17	ODM Preliminary Reports: ODM Bulletins	YES	M.W.
18	ODM – OGS Open File Reports	YES	M.W.
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	M.W.
20	OGS Aggregate Resources Inventory Papers	NO	M.W.
21	OGS Mineral Potential Maps	YES	M.W.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- △ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (flurospar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- △ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- △ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- ▲ Zn . . . . . Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Armco Mineral Exploration Ltd. "Main Group Property"	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #AK-7 (50) * 0.05oz/T Au over 1.4 ft.
B_1	Bird, S.J. (A. Eby Occurrence)	Au		Kirkland Lake Resident Geologist Assessment Files ODM 1951,AR v.60 pt.9, p.43-44 OGS 1971,MRC13,p.129	DDH #36 (152) 0.45oz/T Au over 2 ft.
B_2				" "	DDH #32 (153) 0.03oz/T Au over 5 ft.
B_2				" "	DDH #31 (154) 0.154oz/T Au over 5 ft.
B_3				" "	DDH #39 (157) 2.65oz/T Au over 3 ft.
				" "	"Carbonatized greywacke is intruded by a porphyry dike 20-30 feet wide which is mineralized pyrite and contains quartz stringers. 12 holes 3,200 feet drilled under an option by S.J. Bird".

*Number in brackets from Drill hole Summary sheets (pages 23-61)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
C_1	Broulan Porcupine Mines Ltd. (Barrett Occurrence)	Au		Kirkland Lake Resident Geologist Assessment Files ODM 1951,AR v.60 pt.9, p.40 OGS 1971,MRC 13 p.129	DDH #5 (161) 0.105oz/T Au over 3 ft.
C_2				" "	DDH #3 (165) 0.17oz/T Au over 3 ft.
C_3				" "	DDH #4 (166) 0.06oz/T Au over 2 ft. "Keewatin basalt and greywacke intersected in drilling with stringers carrying native gold. In 1949, 1 780 feet drilled by Broulan Porcupine Mines Ltd."
D	Canadian Johns-Manville Co. Ltd. "Little Pike Group"	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #LP-65-6 (195) 0.01oz/T Au over 3 ft.
E_1	Cominco Ltd. "Gib Property"	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #G-80-1 (202) 8 840ppb Au over 10 ft.

GLIBORD TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
E_1	Cominco Ltd. "Glb Property"	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #G-80-2 (203) 570ppb Au over 10 ft.
E_1		Au		" "	DDH #G-80-3 (204) 1 140ppb Au over 10 ft.
E_2		Au		" "	DDH #G-79-5 (210) 865ppb Au over 10 ft.
F	Dyer, H.E. (Barlow-Dyer Occurrence)	Au	C0228	Kirkland Lake Resident Geologist Assessment Files OGS 1971,MRC 13, p.129 OGS 1951, AR v.60 pt.9, p.38-40	Trench #1 0.03oz/T Au over 1 ft.
		Au		" "	Trench #2 0.07oz/T Au over 1 ft.
		Au		" "	Trench #3 0.07oz/T Au over 3 ft.
		Au		" "	Trench #4 0.057oz/T Au over 1.5 ft.
		Au		" "	Trench #6 0.02oz/T Au over 2 ft.

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
F	Dyer, H.E. (Barlow-Dyer Occurrence)	Au		Kirkland Lake Resident Geologist Assessment Files OGS 1971, MRC 13 p.129 OGS 1951, AR v.60 pt.9, p.38-40	Trench #7 0.03oz/T Au over 1 ft.
		Au		" "	Trench #8 0.01oz/T Au over 2.5 ft.
		Au		" "	Trench #9 (dump) 0.02oz/T Au over 2 ft.
		Au		" "	Trench #10 0.02oz/T Au over 2 ft.
		Au		" "	Trench #11 0.02oz/T over 3 ft.
		Au		" "	Trench #12 0.13oz/T Au over 2.5 ft.
		Au		" "	Trench #13 0.08oz/T Au over 1 ft.
		Au		" "	Trench #14 0.01oz/T Au over 1 ft.
		Au		" "	Trench #15 0.045oz/T Au over 1 ft.

GUILBORD TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
F	Dyer, H.E. (Barlow-Dyer Occurrence)	Au		Kirkland Lake Resident Geologist Kirkland Lake OGS 1971,MRC 13 p.129 OGS 1951,AR v.60 pt.9, p.38-40	Trench #16 0.01oz/T Au over 2.5 ft.
		Au		" "	Trench #17 0.06oz/T Au over 2 ft.
		Au		" "	Trench #18 0.02oz/T Au over 2 ft.
		Au		" "	Trench #19 0.02oz/T Au over 5 ft.
		Au		" "	"Veins and stringer zones up to 10 feet wide in Keewatin greywacke strike northeast. Grab samples from quartz-carbonate veins and stringers contained up to 0.23oz/T Au. In 1950 one hole 614 feet drilled by Broulan Porcupine Mines Ltd."

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
G_1	Edross Consolidated Gold Mines Ltd.	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #1071 (300) 0.17oz/T Au over 5 ft.
G_2		Au		" "	DDH #1079 (301) 0.02oz/T Au over 5.5 ft.
H	Falconbridge Ltd. "Garrison Creek Project" "PN-693"	Au		" "	DDH #693-01 (309) 0.016oz/T Au over 5 ft.
J_1	Falconbridge Nickel Mines "Lightning River Area"	Au		" "	DDH #G-6 (318) 0.02oz/T Au over 5 ft.
J_2		Zn		" "	DDH #G-8 (320) 135,600ppm Zn over 1 ft.
K	Hansen, A.-McDonnell, J.	Au		" "	DDH #1 (357) 0.02oz/T Au over 3 ft.
L_1	Hollinger Consolidated Gold Mines Ltd. "Berrigan Claims" (Kelore Occurrence)	Au		Kirkland Lake Resident Geologist Assessment Files ODM 1951, AR v.60 pt.9, p.51-52 OGS 1971, MRC 13 p.130	DDH #1025 (373) 0.02oz/T Au over 24 ft. "Syenite body intrudes Keewatin basalt and rhyolite indicated by drilling. 14 holes 9 900 feet drilled by Hollinger Consolidated Gold Mines Ltd."

GUIBORD TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
L_2	Hollinger Consolidated Gold Mines Ltd. "Berrigan Claims" (Kelore Occurrence)	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #1034 (375) 0.10oz/T Au over 6 ft.
M	Hollinger Consolidated Gold Mines Ltd. "Group 2 East"	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #G-15 (398) 0.08oz/T Au over 3 ft.
N_1	Johns-Manville Canada Inc. "Joseph Group"	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #GU-82-2 (411) 0.02oz/T Au over 2.5 ft.
N_2		Au		" "	Trench #13 0.03oz/T Au grab sample
P_1	Kerr Addison Mines Ltd.	Au		Kirkland Lake Resident Geologist Assessment Files	DDH #KG-86-3 (414) 0.125oz/T Au over 3 ft.
P_2		Au		" "	DDH #KG1-86-2 (415) 0.03oz/T Au over 3 ft.
Q_1	Talisman Gold Mines Ltd.	Au		Kirkland Lake Resident Geologist Assessment Files ODM 1951, AR v.60 pt.9, p.47 OGS 1971, MRC 13 p.71	Shaft 24 foot level 1.1oz/T Au 60 foot level 0.03oz/T Au 100 foot level 0.04oz/T Au over 1 foot

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Q_2	Talisman Gold Mines Ltd.	Au		Kirkland Lake Resident Geologist Assessment Files	Surface Sample 0.86oz/T Au in pit 0.23oz/T Au in dump material. "1923-24: shaft sunk to 108 feet, on 60 foot level 30 feet of drifting, on 100 foot level 92 feet of drifting and 359 feet of cross cutting by Gardner Mines Ltd. (15 foot sump). 1934: on the 30-, 60- and 100-foot levels 374 feet of drifting and 694 feet of crosscutting by Talisman Gold Mines Ltd."
R_1	White-Guyatt Mining Co. Ltd. (Gold Coin Occurrence)	Au		Kirkland Lake Resident Geologist Assessment Files ODM 1951, AR v.60 pt.9, p.43-44 OGS 1971, MRC 13 p.129	DDH #S16 (543) 0.02oz/T Au over 7 ft.
R_1					DDH #S17 (544) 2.92oz/T Au over 3 ft.
R_1					DDH #S27 (545) 0.01oz/T Au over 2 ft.
R_2				" "	DDH #S48 (546) 0.02oz/T Au over 5 ft.

GDIF FORM NO. 1

GUIBORD TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
R 3	White-Guyatt Mining Co. Ltd. (Gold Coin Occurrence)	Au		Kirkland Lake Resident Geologist Assessment Files' ODM 1951, AR v.60 pt.9, p.43-44 OGS 1971, MRC 13 p.129	DDH #S49 (547) 0.32oz/T Au over 2 ft. "Stringer zones and narrow veins occur in arkose and ore weakly mineralized with galena. In 1946, 5 drill holes were put down with a total length of 2 400 feet. Held in 1911 by Munro Mines Ltd. and in 1936 by White-Guyatt Mining Co. Ltd."
S	Gold Pyramid	Au	C0229	OGS 1951, AR v.60 pt.9, p.45-46 OGS 1971, MRC 13 p.70	"1911-12: shaft to 32 feet, 160 feet of drifting on 30-foot level and vein stoped out to surface. Shaft to 60 feet and on 60 foot level, short cross cut. Small stamp mill operated by the Gold Pyramid Mining Co. of Larder Lake Ltd."

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
T	Big Pete	Au	C0230	OGS 1971, MRC 13 p.129 OGS 1951, AR v.60 pt.9, p.40-42	"Numerous pits and shafts on quartz veins and stringers in Keewatin greywacke. Mineralization consists of pyrite, spalerite and native gold".
U	Bonter	Au	C0227	OGS 1951, AR v.60 pt.9, p.42-43 OGS 1971, MRC 13 p.129	"Veins strike northeast in Keewatin greywacke, are up to 3 feet wide and contain pyrite and galena. A grab sample assayed 0.28oz/T Au. 1910-held by Big Pete Canadian Mines Ltd. 1911-by G.A. Bonter."
V	Caman	Au		ODM 1951, AR v.60 pt.9, p.48-49 OGS 1971, MRC 13 p.129	"On the S 1/2 lot 9, con IV, quartz veins and stringers containing chalcopyrite and galena occur in granite and carbonatized rocks. Eighteen holes 10,000 feet drilled by Caman Gold Mines Ltd."
				ODM 1951, ARv.60 pt.9, p.37	"...finely diss. V.G... from the carbonate-rich zone on the Caman Property..."

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GUIBORD TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
W_1	Gui-Por (Northern Occurrence)	Au		ODM 1951, AR v.60 pt.9, p.50 OGS 1971, MRC 13 p.129	"Two holes intersect unmineralized greywacke and argillite drilled by Gui-Por Gold Mines Ltd."
W_2	Gui-Por (#2 Occurrence)	Au		" "	"Six holes 6 179 feet intersected basalt intruded by a large porphyry mass, with some quartz veins and stringers. Drilling by Gui-Por Gold Mines Ltd."
W_3	Gui-Por (#3 Occurrence)	Au		" "	"Five holes 720 feet drilled from outcrop area located basalt with interbeds of sediments."
X	Byberg	Au		ODM 1951, AR v.60 pt.9, p.47-48 OGS 1971, MRC 13 p.129	"No outcrops, property underlain by rhyolite containing sulphides but little gold. In 1945, 15 holes 11 000 feet drilled by Gunnar Gold Mines Ltd."
				ODM 1951, AR v.60 pt.9, p.48	"..Much mineralization was encountered in the drilling but only very little gold..."

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Y	Morgan Creek Occurrence	Au		ODM 1951, AR v.60 pt.9, p.52 OGS 1971, MRC 13 p.129	"Granite-syenite stock intrudes Keewatin basalt, and quartz stringers in the syenite contain pyrite and slight gold mineralization. Ten drill holes 7 200 feet put down by Morgan Creek Mines Ltd."
Z	Prest Occurrence	Au		ODM 1953, AR v.60 pt.9, p.37	"A grab sample from a pit sunk in a shear zone in lot 3, con. I, 400' north of the Guibord-Cook township boundary line, yielded 0.01oz/T Au."

GDIF FORM NO. 1

GUIBORD TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
1	Addison & Miller-Guibord	39			39															
2	Amax Minerals Expl. Ltd. "Guibord 1"								78	78										
3	Amax Minerals Expl. Ltd. "Guibord 2"	81																		
4	Amax Minerals Expl. Ltd. "Guibord 3"	81																		
5	Armco Mineral Expl. Ltd. "Main Group Property"	81 82			82 83 84 85							80 81 82	80 81 82 83							
6	Armco Mineral Expl. Ltd. "Parson Property"	80 81										80 81	80 81 82							
7	Armco Mineral Expl. Ltd. "Road Property"	80 81			82							80 81	80 81							
8	Asarco Exploration Co. "Holtyre East Property"				84 85							83	83							
9	Asarco Expl. Co. Ltd. "Perry Lake Claims Group"				85															

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	LITHOGEOCHEMISTRY		
COMPANY/AUTHOR (file number)																				
10	Bird, S.J.	55			46							55	55							
11	Blake, Fred				79							76	77							
12	Broulan Porcupine Mines Ltd.	47			49 50															
13	Caman Gold Mines Ltd.	44 45 46			44 45 46															
14	Canadian Johns Manville Co. Ltd.				50 53 54							53								
15	Canadian Johns-Manville Co. Ltd. "Little Pike Grp."				65							64	64							
16	Cere, T.			73																
17	Cominco Ltd. "Gib Property"	76			76 77 78 79 80 82	76 77												76 77		

GDIF FORM NO. 2

GUILFORD TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SEISMIC		
COMPANY/AUTHOR (file number)																				
18	Consolidated Ranwick Uranium Mines, Ltd.								54		54									
19	Dominion Gulf Company	50			51							50						54		
20	Dunmar Mines, Ltd.	48			46															
21	Dyer, H.E.			35				44												
22	Edross Consolidated Gold Mines, Ltd.				41 59			49				49								
23	Falconbridge Ltd. "Dunmar Property"											84								
24	Falconbridge Ltd. "Garrison Creek Proj." "PN-622-G"		84		85							84			84					
25	Falconbridge Ltd. "Garrison Creek Proj." "PN-693"	84			84							84			84					
26	Falconbridge Nickel Mines Ltd. "Lightning River Area"	66	65		65 66			66		65		65	65							

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
27	Garrison Creek Consolidated Mines Ltd.							81												
28	Gold Fields Canadian Mining Ltd.											82	82							
29	Golden Shield Resources Ltd.				85 86							85	85		85					
30	Gui-Por Gold Mines Ltd.	48			46 47															
31	Gunnar Gold Mines Ltd. "Byberg Property"				45 46			47												
32	Guy-Guibord Gold Mines Ltd.							39												
33	Hansen, A.; McDonnell, J.				48															
34	Hislop Mines, Ltd.				46															
35	Hollinger Consolidated Gold Mines, Ltd. "Berrigan Claims"				41															
36	Hollinger Consolidated Gold Mines Ltd. "Group 1"	65			65 66							65	65							

GDIF FORM NO. 2

GUIBORD TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
37	Hollinger Consolidated Gold Mines Ltd. "Group 2 East"	65			64 65 66 71 72							65 66 72	65 66 67 72							
38	Hollinger Consolidated Gold Mines Ltd. "Group 2 West"				64 65							66	66							
39	Hollinger Consolidated Gold Mines Ltd. "Ross Mine"	47						47												
40	Hollinger Mines Ltd. "Group 4"	76										75	75							
41	Independant Mining Corporation Ltd.											47								
42	Jascan Resources Ltd.				85															
43	Jewell, J.; MacVeigh, E.L.							40												
44	Johns-Manville Canada Inc. "Joseph Group"	80		82	82							80	80	84						
45	Kerr Addison Mines Ltd.	82			86 85							82	82							

GDIF FORM NO. 7

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
46	Labrador Mining & Exploration Ltd. "Munro Project"											85	85							
47	Lacana Mining Corp.				86							85	85							
48	Mangan, J.J.			84								86	86							
49	Marshall, C.; Guitard, E.							46 48												
50	McIntyre Mines Ltd.											75	75							
51	Minefinders Ltd.											37					37			
52	Mitchell, G.							44												
53	Morgan Creek Mines Ltd.	47			47															
54	Nawroski (Buga), L.			74 75 77																
55	Neal, H.E.	85			85							85	85							
56	New Kelore Mines Ltd. "Cook & Guibord Tps."	74											74							

GDIF FORM NO. 2

GUILBORD TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
57	New Kelore Mines Ltd. "Hislop & Guibord Tps."	49			49			74												
58	Norancon Mines Ltd.											73	73							
59	Noranda Exploration Co. Ltd. "Guibord 1-84"		85									86	86							
60	Obradovich, T.								86	86										
61	Parsons, G.E.			84		84						83								
62	Perron, A. H. "Greer Group"	84																		
63	Phillips, A.			34				37												
64	Quinn, G.W.							44												
65	Richard, A.							44												
66	Ross, E.							46												
67	St. Joe Canada Inc.				83 84				86	86		85								

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
68	Shareholders Securities Ltd.							44												
69	Skjonsby, K.E.			64	65															
70	South Porcupine Syndicate				44															
71	Stewart, W.T.				57															
72	Tagliamonte, F. & Fedora, J.A.								73	73										
73	Talisman Gold Mines Ltd.	44					34	34												
74	Weldon Gold Mines Ltd.											47								
75	White-Guyatt Mining Co. Ltd.	46			45 46															

GDIT FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Addison & Miller-Guibord	1	9/39	34°	-45°	9'	297'	qcv	-
2	" "	2	9/39	50°	-45°	6'	300'	qcv,serp	-
3	" "	3	9/39	50°	-45°	4'	300'	qcv	-
4	" "	4	9/39	13°	-45°	7'	299'	-	-
5	" "	5	9/39	50°	-45°	4'	300'	-	-
6	Armco Mineral Exploration Ltd. "Main Group Prop."	MG-36	4/84	-	-90°	74'	79'	-	-
7	" "	MG-37	4/84	-	-90°	97'	103'	-	-
8	" "	MG-38	4/84	-	-90°	87'	92'	-	-
9	" "	MG-39	4/84	-	-90°	42'	47'	py	-
10	" "	MG-40	4/84	-	-90°	67'	72'	py,qcv	-
11	" "	MG-41	4/84	-	-90°	128'	129'	-	-
12	" "	MG-41A	4/84	-	-90°	100'	106'	-	-
13	" "	MG-42	4/84	-	-90°	32'	37'	-	-
14	" "	MG-43	4/84	-	-90°	62'	64'	-	-
15	" "	MG-44	4/84	-	-90°	72'	77'	-	-
16	" "	MG-45	4/84	-	-90°	75'	80'	-	-
17	" "	MG-46	4/84	-	-90°	33'	38'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
+ - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

GDIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
18	Armco Mineral Exploration Ltd. "Main Group Prop."	MG-47	4/84	-	-90°	166'	171'	-	-
19	" "	MG-48	4/84	-	-90°	125'	130'	-	-
20	" "	MG-49	4/84	-	-90°	7'	12'	-	-
21	" "	MG-50	4/84	-	-90°	53'	58'	-	-
22	" "	MG-51	5/84	-	-90°	103'	108'	py	-
23	" "	MG-52	5/84	-	-90°	91'	96'	py	-
24	" "	MG-53	5/84	-	-90°	79'	84'	py,qcv	-
25	" "	MG-54	5/84	-	-90°	105'	110'	py	-
26	" "	MG-55	5/84	-	-90°	30'	35'	py,calc	-
27	" "	MG-56	5/84	-	-90°	19'	24'	-	-
28	" "	MG-57	5/84	-	-90°	51'	56'	py	-
29	" "	MG-58	5/84	-	-90°	88'	93'	py	-
30	" "	MG-59	5/84	-	-90°	66'	71'	py	-
31	" "	MG-60	5/84	-	-90°	59'	64'	py,qcv	-
32	" "	MG-61	5/84	-	-90°	35'	40'	py	-
33	" "	MG-62	5/84	-	-90°	52'	58'	py,ep	-
34	" "	MG-63	5/84	-	-90°	37'	50'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
•• - From till heavy mineral concentrates

GEO.P FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
35	Armco Mineral Exploration Ltd. "Main Group Prop."	MG-63A	5/84	-	-90°	77'	82'	-	-
36	" "	MG-64	6/84	-	-90°	61'	66'	-	-
37	" "	MG-65	6/84	-	-90°	91'	96'	py	-
38	" "	MG-66	6/84	-	-90°	47'	52'	-	-
39	" "	MG-67	6/84	-	-90°	39'	44'	ep,qcv	-
40	" "	MG-68	6/84	-	-90°	87'	92'	py	-
41	" "	MG-69	6/84	-	-90°	35'	40'	py,ep	-
42	" "	MG-70	6/84	-	-90°	63'	68'	-	-
43	" "	NR-1	3/85	330°	-50°	171'	695'	qcv,py	-
44	" "	AK-1	2/82	45°	-50°	24'	497'	py,gf,qcv ep,spec	Au
45	" "	AK-2	2/82	45°	-50°	113'	407'	py,qcv,spec	Au
46	" "	AK-3	2/82	45°	-50°	153'	399'	py,qcv	Au
47	" "	AK-4	3/82	45°	-50°	66'	169'	py,calc	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs

+ - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
48	Armco Mineral Exploration Ltd. "Main Group Prop."	AK-5	3/82	315°	-50°	30'	448'	py	Au
49	" "	AK-6	3/82	315°	-50°	47'	500'	py,cp,qcv po,spec,ep	Au
50	" "	AK-7	3/82	45°	-50°	129'	581'	py,spec,qcv gf	Au
51	" "	MG-1	10/83	-	-90°	43'	48'	-	-
52	" "	MG-2	10/83	-	-90°	63'	68'	py	-
53	" "	MG-3	10/83	-	-90°	52'	57'	-	-
54	" "	MG-4	10/83	-	-90°	77'	82'	-	-
55	" "	MG-5	10/83	-	-90°	114'	119'	-	-
56	" "	MG-6	10/83	-	-90°	71'	76'	-	-
57	" "	MG-7	10/83	-	-90°	67'	72'	-	-
58	" "	MG-8	10/83	-	-90°	59'	64'	-	-
59	" "	MG-9	10/83	-	-90°	48'	53'	-	-
60	" "	MG-10	10/83	-	-90°	86'	91'	-	-
61	" "	MG-11	10/83	-	-90°	45'	50'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
62	Armco Mineral Exploration Ltd. "Main Group Prop."	MG-12	10/83	-	-90°	94'	99'	py	-
63	" "	MG-13	10/83	-	-90°	20'	25'	-	-
64	" "	MG-14	10/83	-	-90°	78'	83'	-	-
65	" "	MG-15	10/83	-	-90°	28'	33'	py	-
66	" "	MG-16	10/83	-	-90°	42'	47'	-	-
67	" "	MG-17	10/83	-	-90°	20'	25'	-	-
68	" "	MG-18	10/83	-	-90°	11'	16'	-	-
69	" "	MG-19	10/83	-	-90°	111'	116'	-	-
70	" "	MG-20	10/83	-	-90°	83'	88'	-	-
71	" "	MG-21	10/83	-	-90°	71'	78'	-	-
72	" "	MG-22	10/83	-	-90°	102'	113'	-	-
73	" "	MG-23	10/83	-	-90°	73'	79'	-	-
74	" "	MG-24	10/83	-	-90°	34'	39'	-	-
75	" "	MG-25	10/83	-	-90°	118'	125'	py	-
76	" "	MG-26	10/83	-	-90°	44'	49'	py	-
77	" "	MG-27	10/83	-	-90°	41'	46'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

GSIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
78	Armco Mineral Exploration Ltd. "Main Group Prop."	MG-28	10/83	-	-90°	160'	165'	-	-
79	"	MG-29	10/83	-	-90°	64'	69'	-	-
80	"	MG-30	10/83	-	-90°	83'	91'	-	-
81	"	MG-31	10/83	-	-90°	32'	37'	-	-
82	"	MG-32	10/83	-	-90°	37'	42'	-	-
83	"	MG-33	10/83	-	-90°	42'	47'	-	-
84	"	MG-34	10/83	-	-90°	70'	75'	-	-
85	"	MG-35	10/81	-	-90°	32'	37'	-	-
86	Armco Mineral Exploration Ltd. "Road Property"	RG-1	7/82	-	-90°	108'	110'	-	Au, Cu, As, Sb
87	"	RG-2	7/82	-	-90°	98'	101'	py	Au, Cu, As, Sb Au 360ppb++
88	"	RG-3	7/82	-	-90°	65'	69'	py	Au, Cu, As, Sb
89	"	RG-4	7/82	-	-90°	80'	83'	py	Au, Cu, As, Sb
90	"	RG-5	7/82	-	-90°	133'	137'	py	Au, Cu, As, Sb Au 1500ppb++

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Svastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

GUIBORD TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
91	Armco Mineral Exploration Ltd. "Road Property"	RG-6	7/82	-	-90°	48'	53'	py	Au,Cu,As,Sb
92	" "	RG-7	7/82	-	-90°	27'	30'	cp,py	Au,Cu,As,Sb
93	" "	RG-8	7/82	-	-90°	42'	45'	py	Au,Cu,As,Sb
94	" "	RG-9	7/82	-	-90°	26'	29'	py	Au,Cu,As,Sb
95	" "	RG-10	7/82	-	-90°	29'	32'	py	Au,Cu,As,Sb
96	" "	RG-11	7/82	-	-90°	85'	88'	py	Au,Cu,As,Sb Au 430ppb++
97	" "	RG-12	8/82	-	-90°	84'	87'	py	Au,Cu,As,Sb
98	" "	RG-13	8/82	-	-90°	111'	114'	py	Au,Cu,As,Sb Au 330ppb++
99	" "	RG-14	8/82	-	-90°	78'	81'	py	Au,Cu,As,Sb
100	" "	RG-15	8/82	-	-90°	90'	94'	py	-
101	" "	RG-16	8/82	-	-90°	123'	125'	py	Au,Cu,As,Sb Au 1000ppb++

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
102	Asarco Exploration Co. "Holtyre East Prop."	BN-85-1	2/85	-	-90°	101'	106'	py,calc,hem	-
103	" "	HE-85-38	2/85	-	-90°	109'	115'	py,hem	-
104	" "	HE-85-39	2/85	-	-90°	119'	125'	py,qcv	-
105	" "	HE-85-40	3/85	-	-90°	133'	140'	py,calc	-
106	" "	HE-85-41	3/85	-	-90°	127'	133'	py,calc,mag	-
107	Asarco Exploration Co. "Holtyre East Property"	HE-1	3/85	210°	-48°	99'	785'	py,qcv,q carb,po,mag	-
108	" "	HE-1	4/84	-	-90°	80'	87'	-	-
109	" "	HE-2	4/84	-	-90°	111'	116'	-	-
110	" "	HE-3	4/84	-	-90°	76'	81'	-	-
111	" "	HE-4	4/84	-	-90°	64'	69'	py,qcv	-
112	" "	HE-5	4/84	-	-90°	171'	178'	-	-
113	" "	HE-6	4/84	-	-90°	97'	103'	-	-
114	" "	HE-7	4/84	-	-90°	107'	112'	q	-
115	" "	HE-8	4/84	-	-90°	135'	140'	py	-
116	" "	HE-9	4/84	-	-90°	95'	100'	-	-
117	" "	HE-10	4/84	-	-90°	162'	167'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

GDIP FORM NO. 3

GUIBORD TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
118	Asarco Exploration Co. "Holtyre East Property"	HE-11	4/84	-	-90°	130'	130'	Abandoned	-
119	" "	HE-11A	4/84	-	-90°	201'	206'	-	-
120	" "	HE-12	6/84	-	-90°	133'	138'	-	-
121	" "	HE-13	6/84	-	-90°	139'	144'	-	-
122	" "	HE-14	6/84	-	-90°	99'	104	q,carb	-
123	" "	HE-15	6/84	-	-90°	187'	192'	-	-
124	" "	HE-16	6/84	-	-90°	97'	102'	-	-
125	" "	HE-17	6/84	-	-90°	98'	103'	-	-
126	" "	HE-18	6/84	-	-90°	82'	87'	py	-
127	" "	HE-19	6/84	-	-90°	163'	170'	py	-
128	" "	HE-20	6/84	-	-90°	97'	102'	py	-
129	" "	HE-21	6/84	-	-90°	64'	69	py	-
130	" "	HE-22	6/84	-	-90°	162'	167'	py	-
131	" "	HE-23	6/84	-	-90°	120'	125'	py	-
132	" "	HE-24	6/84	-	-90°	169'	174'	-	-
133	" "	HE-25	6/84	-	-90°	107'	112'	py	-

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OBIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
134	Asarco Expl. Co. "Holtyre East Property"	HE-26	6/84	-	-90°	79'	84'	-	-
135	" "	HE-27	6/84	-	-90°	33'	38'	py	-
136	" "	HE-28	6/84	-	-90°	83'	88'	-	-
137	" "	HE-29	6/84	-	-90°	70'	75'	-	-
138	" "	HE-30A	6/84	-	-90°	62'	66'	py	-
139	" "	HE-31	6/84	-	-90°	79'	84'	-	-
140	" "	HE-32	6/84	-	-90°	151'	156'	-	-
141	" "	HE-33	7/84	-	-90°	209'	214'	py	-
142	" "	HE-34	7/84	-	-90°	47'	52'	py	-
143	" "	HE-35	7/84	-	-90°	162'	167'	py,qcv	-
144	Asarco Expl. Co. Ltd. "Perry Lake Claims Grp."	PL-11	6/85	-	-90°	102'	106'	py	-
145	" "	PL-12	6/85	-	-90°	3'	5'	py	-
146	" "	PL-12B	6/85	-	-90°	8'	12'	py	-
147	" "	PL-13	6/85	-	-90°	11'	16'	py	-
148	Bird, S.J.	38	1946	318°	-45°	-	277'	-	-

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
149	Bird, S.J.	37	1946	316°	-45°	-	353'	-	-
150	" "	35	1946	320°	-60°	-	353'	-	-
151	" "	34	1946	320°	-45°	-	343'	-	-
152	" "	36	1946	317°	-45°	-	250'	-	Au
153	" "	32	1946	320°	-60°	-	398'	-	Au
154	" "	31	1946	320°	-45°	-	296'	-	Au
155	" "	33	1946	213°	-45°	-	616'	carb	-
156	" "	40	1946	172°	-45°	-	381'	carb	-
157	" "	39	1946	212°	-45°	-	736'	carb	Au
158	" "	46	1946	220°	-45°	-	608'	-	-
159	Blake, Fred	1	7/79	16°	-50°	97'	405'	py,carb,cp,q	-
160	" "	2	7/79	16°	-50°	47'	721'	py,qcv,gn carb,serp	-
161	Broulan Porcupine Mines Ltd.	5	3/50	0°	-45°	10'	840'	py,qcv,q calc,carb	Au
162	" "	1	xx	3°	-60°	180'	560'	-	-
163	" "	2A	xx	180°	-50°	112'	112'	Abandoned	-
164	" "	2	1/50	180°	-50°	112'	732'	py,qcv carb,calc	-

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GOIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
165	Broulan Porcupine Mines Ltd.	3	1/50	0°	-50°	57'	1048'	carb,q,qcv VG,cp,po	Au
166	" "	4	3/50	0°	-45°	9'	614'	carb,qcv,py	Au
167	Caman Gold Mines Ltd.	6	xx	45°	-45°	115'	852'	calc,carb py,cp,qcv	
168	" "	7	xx	200°	-50°	67'	324'	-	-
169	" "	8	xx	45°	-45°	63'	727'	py,qcv,carb	-
170	" "	9	xx	15°	-45°	8'	1069'	py,qcv,carb gn,sp,spec q,hem	-
171	" "	11	xx	211°	-45°	46'	744'	py,hem,qcv carb,q	-
172	" "	12	xx	20°	-50°	70'	1498'	py,qcv	-
173	" "	13	xx	198°	-45°	90'	423'	qcv,carb	-
174	" "	22	xx	20°	-50°	72'	477'	py,qcv	-
175	" "	26A	xx	20°	-50°	139'	1071'	qcv,hem calc	-
178	" "	27	xx	290°	-40°	14'	547'	py,qcv,carb	-
179	" "	21	xx	225°	-45°	6'	383'	py,qcv,carb	-
180	" "	4	xx	45°	-45°	40'	807'	serp,carb	-

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ODIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
181	Caman Gold Mines Ltd.	2	xx	195°	-35°	8'	403'	carb	-
182	" "	17	xx	-	-90°	10'	480'	carb	-
183	" "	18	xx	45°	-40°	20'	980'	carb	-
184	" "	25	xx	225°	-47°	30'	558'	-	-
185	" "	5	xx	225°	-35°	28'	502'	-	-
186	" "	1	xx	200°	-30°	10'	401'	carb,q	-
187	" "	20	xx	-	-90°	10'	609'	carb,q	-
188	" "	3	xx	200°	-50°	35'	750'	carb	-
189	" "	24	xx	45°	-52°	100'	655'	-	-
190	" "	23	xx	225°	-45°	80'	535'	-	-
191	" "	19	xx	-	-90°	30'	608'	carb	-
192	Canadian Johns-Manville Co. Ltd.	GU-1	1/54	180°	-50°	145'	688'	py,qcv,mag	-
193	" "	G-1	9/50	188°	-45°	4'	386'	dol,py	-
194	" "	GU-2	1/54	180°	-50°	174'	694'	py	-
195	Canadian Johns-Manville Co. Ltd. "Little Pike Grp."	LP-65-6	12/65	347°	-45°	34'	250'	py,q	Au,Ag

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GDIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
196	Canadian Johns-Manville Co. Ltd. "Little Pike Grp."	LP-65-5	12/65	321°	-45°	25'	251'	py,calc serp,asb	-
197	" "	LP-65-4	12/65	300°	-45°	12'	302'	py,calc cp,qcv	Au,Cu,Ag
198	" "	LP-65-1-B	11/65	-	-90°	255'	743'	calc,serp,q	-
199	Cominco Ltd. (Gib Property)	G-82-3	1/82	90°	-50°	167'	483'	py,qcv carb,serp	-
200	" "	G-82-2	1/82	90°	-45°	150'	352'	py,qcv,hem carb,calc,po	-
201	" "	82-1	1/82	90°	-45°	144'	506'	py,calc,carb sp,qcv,hem po,asp	-
202	" "	G-80-1	5/80	90°	-50°	100'	401'	py,qcv,calc hem,carb	Au
203	" "	G-80-2	5/80	60°	-45°	116'	300'	py,qcv	Au
204	" "	G-80-3	5/80	120°	-45°	109'	300'	py,qcv,carb	Au
205	" "	G-80-4	5/80	135°	-50°	150'	498'	py,qcv,carb	Au
206	" "	G-79-1	3/79	90°	-45°	126'	372'	py,qcv,carb hem	Au
207	" "	G-79-2	3/79	90°	-45°	165'	321'	py,qcv,carb hem	Au

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GUIGORD TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
208	Cominco Ltd. (Gib Property)	G-79-3	3/79	315°	-50°	290'	390'	py,qcv	Au
209	" "	G-79-4	3/79	90°	-50°	194'	552'	py,qcv,po	Au
210	" "	G-79-5	4/79	90°	-45°	140'	451'	py,qcv,po,cp	Au
211	" "	G-77-33	8/77	-	-90°	125'	130'	-	Au
212	" "	G-77-34	8/77	-	-90°	140'	144'	-	Au
213	" "	G-77-35	8/77	-	-90°	131'	136'	-	Au
214	" "	G-77-36	8/77	-	-90°	115'	121'	-	Au
215	" "	G-77-37	8/77	-	-90°	85'	89'	-	Au
216	" "	G-77-38	8/77	-	-90°	123'	128'	-	Au
217	" "	G-77-39	8/77	-	-90°	109'	115'	-	Au
218	" "	G-77-40	8/77	-	-90°	119'	125'	-	Au
219	" "	G-77-41	8/77	-	-90°	141'	146'	-	Au
220	" "	G-77-42	8/77	-	-90°	136'	140'	-	Au
221	" "	G-77-43	8/77	-	-90°	98'	103'	-	Au
222	" "	G-77-44	8/77	-	-90°	115'	120'	-	Au
223	" "	G-77-45A	9/77	-	-90°	185'	190'	-	Au

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Instal Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
224	Cominco Ltd. (Gib Property)	G-77-46	9/77	-	-90°	149'	153'	-	All
225	" "	G-77-47	9/77	-	-90°	143'	148'	-	All
226	" "	G-77-48	9/77	-	-90°	131'	135'	-	All
227	" "	G-77-49	9/77	-	-90°	131'	135'	-	All
228	" "	G-77-50	9/77	-	-90°	89'	93'	-	All
229	" "	G-77-51A	9/77	-	-90°	125'	130'	-	All
230	" "	G-77-52	9/77	-	-90°	100'	105'	-	All
231	" "	G-77-53	9/77	-	-90°	145'	150'	-	All
232	" "	G-77-54	9/77	-	-90°	83'	88'	-	All
233	" "	G-77-55	9/77	-	-90°	107'	112'	-	All
234	" "	G-77-56	9/77	-	-90°	70'	74'	-	All
235	" "	G-77-57	9/77	-	-90°	81'	85'	-	All
236	" "	G-77-58	9/77	-	-90°	131'	136'	-	All
237	" "	G-77-59	9/77	-	-90°	94'	102'	-	All
238	" "	G-77-60A	11/77	-	-90°	144'	149'	-	All
239	" "	G-77-61	11/77	-	-90°	71'	76'	-	All

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xx - No date
** - No drill logs
•• - From till heavy mineral concentrates

OGDS FORM NO. 1

GUIBOB TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
240	Cominco Ltd. (Gib Property)	G-77-62	11/77	-	-90°	54'	59'	-	Au
241	" "	G-77-63	11/77	-	-90°	94'	99'	-	Au
242	" "	G-77-64	11/77	-	-90°	62'	67'	-	Au
243	" "	G-77-65	11/77	-	-90°	116'	121'	-	Au
244	" "	G-77-66	11/77	-	-90°	128'	133'	-	Au
245	" "	G-77-67	11/77	-	-90°	146'	151'	-	Au
246	" "	G-77-68	11/77	-	-90°	131'	136'	-	Au
247	" "	G-77-69	11/77	-	-90°	137'	141'	-	Au
248	" "	G-77-70	11/77	-	-90°	172'	178'	-	Au
249	" "	G-77-71	11/77	-	-90°	119'	124'	-	Au
250	" "	G-77-72	11/77	-	-90°	157'	160'	-	Au
251	" "	G-77-73	11/77	-	-90°	155'	159'	-	Au
252	" "	D-1†	3/78	0°	-50°	120'	619'	py,qcv	Cu,Zn,Sn W,U
253	" "	D-2	3/78	0°	-50°	170'	600'	py,po,qcv sp,gn	Cu,Zn,Sn W,U
254	" "	D-3†	3/78	180°	-50°	152'	616'	py,qcv,po sp	Cu,Zn,Sn W,U

* - Length of overburden down drillhole
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GDIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
255	Cominco Ltd. (Gib Property)	D-4	3/78	180°	-50°	106'	133'	py	Cu,Zn,Sn W,U
256	" "	D-5†	3/78	0°	-47°	194'	699'	py,qcv,q hem	Cu,Zn,Sn W,U
257	" "	D-6	4/78	180°	-50°	104'	324'	py,qcv	Cu,Zn,Sn W,U
258	" "	D-7	4/78	0°	-50°	204'	579'	py,qcv,sp	Cu,Zn,Sn W,U
259	" "	D-8	4/78	0°	-50°	138'	570'	py,qcv,cp	Cu,Zn,Sn W,U
260	" "	G-76-1	9/76	-	-90°	115'	121'	-	Au,Cu,Pb Zn,As
261	" "	G-76-2	9/76	-	-90°	92'	100'	-	Au,Cu,Pb Zn,As
262	" "	G-76-3	9/76	-	-90°	128'	132'	-	Au,Cu,Pb Zn,As
263	" "	G-76-4	9/76	-	-90°	128'	134'	-	Au,Cu,Pb Zn,As
264	" "	G-76-5	9/76	-	-90°	67'	71'	-	Au,Cu,Zn Pb,As
265	" "	G-76-6	9/76	-	-90°	79'	82'	-	Au,Cu,Zn Pb,As

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GSCP FORM NO. 1

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
266	Cominco Ltd. (Gib Property)	G-76-7	9/76	-	-90°	74'	78'	-	Au, Cu, Zn Pb, As
267	" "	G-76-8	9/76	-	-90°	122'	124'	-	Au, Cu, Zn Pb, As
268	" "	G-76-9	9/76	-	-90°	109'	112'	-	Au, Cu, Zn Pb, As
269	" "	G-76-10	9/76	-	-90°	116'	120'	-	Au, Cu, Zn Pb, As
270	" "	G-76-11	9/76	-	-90°	90'	93'	-	Au, Cu, Zn Pb, As
271	" "	G-76-12	9/76	-	-90°	92'	95'	-	Au, Cu, Zn Pb, As
272	" "	G-76-13	9/76	-	-90°	131'	134'	-	Au, Cu, Zn Pb, As
273	" "	G-76-14	9/76	-	-90°	140'	147'	-	Au, Cu, Pb Zn, As
274	" "	G-76-15	9/76	-	-90°	134'	141'	-	Au, Cu, Pb Zn, As
275	" "	G-76-16	9/76	-	-90°	124'	130'	-	Au, Cu, Pb Zn, As
276	" "	G-76-17	9/76	-	-90°	127'	131'	-	Au, Cu, Pb Zn, As

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
277	Cominco Ltd. (Gib Property)	G-76-18	9/76	-	-90°	101'	104'	-	Au, Cu, Pb Zn, As
278	" "	G-76-19	9/76	-	-90°	140'	145'	-	Au, Cu, Pb Zn, As
279	" "	G-76-20	9/76	-	-90°	26'	28'	-	Au, Cu, Zn Pb, As
280	" "	G-76-21	9/76	-	-90°	114'	123'	-	Au, Cu, Zn Pb, As
281	" "	G-76-22	9/76	-	-90°	128'	131'	-	Au, Cu, Zn Pb, As
282	" "	G-76-23	9/76	-	-90°	140'	145'	-	Au, Cu, Zn Pb, As
283	" "	G-76-24	9/76	-	-90°	122'	128'	-	Au, Cu, Zn Pb, As
284	" "	G-76-25	9/76	-	-90°	129'	135'	-	Au, Cu, Zn Pb, As
285	" "	G-76-26	9/76	-	-90°	130'	136'	-	Au, Cu, Zn Pb, As
286	" "	G-76-27	9/76	-	-90°	99'	103'	-	Au, Cu, Zn Pb, As
287	" "	G-76-28	9/76	-	-90°	90'	94'	-	Au, Cu, Zn Pb, As

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GDIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
288	Cominco Ltd. (Gib Property)	G-76-29	9/76	-	-90°	88'	92'	-	Au,Cu,Zn Pb,As
289	" "	G-76-30	9/76	-	-90°	109'	116'	-	Au,Cu,Zn Pb,As
290	" "	G-76-31	9/76	-	-90°	153'	160'	-	Au,Cu,Zn Pb,As
291	" "	G-76-32	9/76	-	-90°	120'	128'	-	Au,Cu,Pb Zn,As
292	Dominion Gulf Company	47-2	3/51	18°	-45°	116'	505'	py,serp carb,calc	-
293	" "	47-3	4/51	24°	-45°	225'	796'	py,qcv,hem serp,calc	-
294	" "	47-4	5/51	30°	-45°	115'	621'	py,qcv,cp	-
295	" "	47-5	5/51	30°	-45°	25'	514'	py,qcv	-
296	" "	6	xx	-	-45°	25'	457'	qcv	-
297	" "	47-1	3/51	18°	-45°	90'	154'	py,mag	-
298	Dunmar Mines, Ltd.	3	xx	40°	-39°	14'	913'	py,po,serp carb	-
299	Edross Consolidated Gold Mines, Ltd.	GU-1	7/59	50°	-45°	140'	584'	py,qcv,q carb	-

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ODIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
300	Edross Consolidated Gold Mines, Ltd.	1071	1941	135°	-54°	55'	1141'	qcv,carb	Au
301	" "	1079	1941	140°	-54°	162'	997'	qcv,py	Au
302	Falconbridge Ltd. "Garrison Creek Proj." "PN-622-G"	622-01	8/85	195°	-45°	70'	576'	qcv,calc,py po,cp	Au
303	" "	622-02	8/85	180°	-45°	3'	491'	qcv,cp,py	Au
304	" "	622-03	9/85	20°	-45°	10'	426'	qcv	Au
305	" "	622-05	9/85	0°	-45°	244'	244'	-	-
306	" "	622-06	9/85	0°	-55°	53'	99'	q,qcv	-
307	" "	622-08	9/85	180°	-50°	42'	536'	py,qcv	Au
308	" "	622-09	10/85	0°	-45°	40'	506'	py,qcv,po	Au
309	Falconbridge Ltd. "Garrison Creek Proj." "PN-693"	693-01	8/84	180°	-45°	182'	746'	py,calc,qcv	Au
310	" "	693-02	8/84	210°	-45°	58'	764'	py,qcv	Au
311	" "	693-03	8/84	210°	-45°	120'	762'	py,qcv	Au
312	" "	693-04	8/84	210°	-45°	120'	873'	py,qcv,carb	Au

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
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xx - No date
++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
313	Falconbridge Ltd. "Garrison Creek Proj." "PN-693"	693-05	9/84	0°	-45°	118'	776'	py,qcv	Au
314	Falconbridge Nickel Mines Ltd. "Lightning River Area"	G-2	11/65	90°	-45°	34'	300'	py,po,qcv carb,q	-
315	" "	G-3	12/65	0°	-45°	8'	358'	py,qcv,po	Au,Ag,Ni,Cu
316	" "	G-4	12/65	0°	-45°	7'	599'	py,po,calc gf,carb	Au,Ag,Ni,Cu
317	" "	G-5	12/65	270°	-45°	12'	400'	py,qcv,po carb	-
318	" "	G-6	1/66	180°	-45°	6'	651'	py,po,calc carb,q,qcv	Au,Ag,Ni
319	" "	G-7	1/66	180°	-45°	4'	405'	po,carb,qcv py,calc	Au,Ag,Ni,Cu Zn
320	" "	G-8	1/66	178°	-45°	4'	403'	qcv,calc,po cp,sp,carb	Au,Ag,Ni,Cu Zn
321	" "	G-9	1/66	180°	-45°	6'	550'	py,po,qcv carb	Au
322	" "	G-10	2/66	0°	-45°	6'	541'	py,po,qcv	Cu
323	" "	G-1	11/65	0°	-45°	7'	804'	py,po,qcv cp,gf	Au,Ag,Ni Cu,Zn

* - Length of overburden down drillhole
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GDIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
324	Golden Shield Res. Ltd.	GS-85-1	12/85	0°	-50°	70'	516'	py,qcv,carb cp,sp	Au,Ag,Cu
325	" "	GS-86-2	1/86	0°	-50°	85'	555'	py,qcv,mo,q gf,cp,calc	Au,Ag,Cu
326	" "	GS-86-3	1/86	180°	-50°	150'	500'	py,po,cp,mo qcv,sp,mag	Au,Ag,Cu
327	" "	GS-86-4	1/86	180°	-55°	30'	500'	py,qcv,spec mag	-
328	" "	GS-86-5	1/86	180°	-55°	24'	600'	py,qcv,serp	Ag,Au,Cu
329	Gui-Por Gold Mines Ltd.	1	1/47	190°	-60°	110'	435'	py,qcv	-
330	" "	2	3/47	190°	-60°	109'	989'	py,po,qcv hem,q	-
331	" "	4	4/47	190°	-60°	80'	1004'	py,qcv,q hem,cp	-
332	" "	5	5/47	190°	-60°	73'	1007'	py,qcv	-
333	" "	6	6/47	190°	-60°	42'	997'	py,qcv,cp	-
334	" "	7	7/47	210°	-60°	110'	1182'	py,qcv,po q,calc	-
335	" "	8	8/47	40°	-45°	3'	166'	py,qcv,po	-

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GUIGORD TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
336	Gui-Por Gold Mines Ltd.	9	8/47	40°	-45°	3'	165'	py,qcv,po	-
337	" "	10	8/47	40°	-45°	3'	163'	py,qcv	-
338	" "	11	8/47	40°	-45°	2'	122'	py,po	-
339	" "	12	8/47	40°	-45°	3'	106'	serp	-
340	" "	13	9/47	30°	-50°	128'	1041'	py,q,qcv po,carb	-
341	" "	14	10/47	30°	-60°	250'	400'	-	-
342	Gunnar Gold Mines Ltd. "Byberg Property"	1	xx	50°	-45°	65'	900'	py,gn,q, qcv,calc	-
343	" "	2	xx	60°	-45°	152'	226'	py,q,gn	-
344	" "	3	xx	15°	-45°	126'	343'	py	-
345	" "	4	xx	234°	-50°	105'	895'	py,calc,qcv q,gn	-
346	" "	5B	xx	67°	-52°	63'	995'	qcv,carb	-
347	" "	6	xx	36°	-52°	78'	974'	hem	-
348	" "	7	xx	40°	-52°	93'	735'	qcv,serp	-
349	" "	8B	xx	50°	-50°	134'	500'	qcv,q	-
350	" "	9	xx	122°	-52°	89'	385'	qcv,carb,q	-

* - Length of overburden down drillhole
? - Location unknown
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GSCP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
351	Gunnar Gold Mines Ltd. "Byberg Property"	10	xx	50°	-52°	118'	272'	-	-
352	" "	11	xx	65°	-52°	80'	922'	py,q,calc,qcv	-
353	" "	12	xx	227°	-52°	87'	951'	qcv	-
354	" "	13	xx	220°	-52°	118'	818'	qcv	-
355	" "	14	xx	50°	-52°	65'	1014'	py	-
356	" "	15	xx	50°	-50°	95'	884'	py,qcv	-
357	Hanson-McDonnell	1	2/48	0°	-68°	125'	703'	py,qcv,q,sp gn,calc,cp	Au
358	" "	1A	1/48	1°	-65°	125'	135'	py,q	Au
359	Hislop Mines Ltd.	28	1946	217°	-47°	10'	868'	py,qcv,carb	-
360	" "	30	1946	217°	-45°	18'	925'	qcv,carb,py calc	-
361	" "	32	1946	47°	-39°	10'	1016'	py,qcv,po,cp	-
362	" "	33	1946	225°	-35°	11'	1063'	qcv,carb,mag	-
363	" "	40	1946	20°	-40°	8'	1060'	py,qcv	-
364	" "	42	1946	20°	-40°	26'	996'	py,qcv,cp,gn	-
365	" "	43	1946	-	-50°	120'	130'	-	-

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
366	Hislop Mines Ltd.	44	1946	-	-50°	41'	1163'	py,qcv,po,cp carb	-
367	" "	45	1946	20°	-50°	25'	1226'	qcv,sp,gn,py po	-
368	" "	48	1946	12°	-50°	124'	803'	py,qcv	-
369	" "	47	xx	-	-50°	130'	256'	py,gn,po	-
370	Hollinger Consolidated Gold Mines Ltd. "Berrigan"	1019	xx	134°	-50°	115'	950'	py,qcv	Au
371	" "	1021	xx	120°	-45°	77'	800'	py,qcv,gn	Au
372	" "	1023	xx	293°	-52°	130'	900'	py,qcv,q calc	Au
373	" "	1025	xx	303°	-50°	113'	701'	py,qcv	Au
374	" "	1027	xx	290°	-50°	145'	836'	qcv,q	Au
375	" "	1034	xx	98°	-	110'	635'	py,qcv,q calc	Au
376	Hollinger Consolidated Gold Mines Ltd. "Group 1"	G-19	2/66	45°	-50°	167'	967'	py,qcv,hem serp	-
377	" "	G-18	2/66	0°	-50°	42'	702'	py,qcv,mag serp	-

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
376A	Hollinger Consolidated Gold Mines Ltd. "Group 1"	G-17	1/66	0°	-45°	5'	947'	py,serp,calc	Au,Ni,Cu
378	" "	G-14	4/65	50°	-45°	106'	389'	serp	-
379	" "	G-13	4/65	50°	-45°	8'	1089'	py,calc,hem serp,qcv	-
380	" "	G-12	3/65	50°	-45°	10'	694'	py,mag,spec qcv,serp,carb	-
381	" "	G-11	3/65	50°	-45°	70'	720'	py,qcv,calc hem,serp	-
382	Hollinger Consolidated Gold Mines Ltd. "Group 2 East"	GM3-72†	2/72	225°	-55°	112'	535'	py,qcv,po,Zn	Cu,Zn,Ni Ag,Pb,Au
383	" "	GM4-72†	2/72	180°	-55°	144'	462'	py,mag,qcv	Cu,Zn,Ni Ag,Pb,Au
384	" "	GM5-72	2/72	225°	-55°	80'	500'	py,po,cp,qcv calc,mag	Cu,Zn,Ni Ag,Pb,Au
385	" "	GU-2-2-71†	4/71	182°	-55°	144'	601'	qcv,sp,py gn,q,cp,po	-
386	" "	GU-2-1-71†	4/71	180°	-55°	222'	600'	py,po	-
387	" "	G-31	3/66	218°	-60°	65'	582'	py,Zn,sp,gn qcv,cp,q,po	-

* - Length of overburden down drillhole
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? - Location unknown
xx - No date
** - No drill logs
•• - From till heavy mineral concentrates

ODM FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
388	Hollinger Consolidated Gold Mines Ltd. "Group 2 East"	G-30	5/66	213°	-50°	234'	1007'	qcv,serp,po ash,mag	-
389	" "	G-29	3/66	33°	-45°	8'	532'	py,po,qcv,gt	-
390	" "	G-28	3/66	213°	-45°	31'	618'	py,qcv,po	-
391	" "	G-22	3/66	33°	-50°	125'	643'	py,qcv,sp po,cp	-
392	" "	G-24	2/66	0°	-50°	15'	497'	py,qcv,q po,cp,gt	-
393	" "	G-27	2/66	0°	-50°	96'	473'	po,calc,py	-
394	" "	G-26	3/66	213°	-50°	155'	633'	py,qcv	-
395	" "	G-23	3/66	33°	-50°	224'	447'	py,qcv	-
396	" "	G-20	3/66	33°	-50°	100'	632'	py,qcv,serp mag,cp	-
397	" "	G-16	2/66	0°	-50°	85'	1013'	py,qcv,calc sp,serp,po carb	Ni,Au
398	" "	G-15	1/66	0°	-50°	92'	1047'	py,qcv,cp,sp gn,calc,carb mag,q	Au,Ni,Cu
399	" "	G-10	3/65	180°	-40°	8'	879'	py,qcv,hem	-

* - Length of overburden down drillhole
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xx - No date
•• - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
400	Hollinger Consolidated Gold Mines Ltd. "Group 2 East"	G-4	2/65	180°	-65°	10'	248'	py	-
401	" "	G-9	1/65	0°	-55°	162'	1009'	py,qcv,cp calc	-
402	" "	G-7	12/64	180°	-55°	120'	707'	py,qcv,carb calc	-
403	" "	G-6	2/65	239°	-55°	66'	1085'	py,qcv,q	-
404	" "	G-5	2/65	180°	-45°	12'	1080'	py,qcv	-
405	Hollinger Consolidated Gold Mines Ltd. "Group 2 West"	G-8	1/65	0°	-60°	168'	1089'	py,qcv,po	-
406	" "	G-3	5/64	155°	-55°	25'	622'	py,qcv	-
407	" "	G-2	5/64	0°	-55°	30'	893'	py,qcv,po,cp	-
408	" "	G-1	4/64	0°	-55°	58'	495'	py,qcv,po asp	-
409	Jascan Resources Ltd.	GB-85-2	6/85	180°	-45°	125'	594'	py,qcv,po carb,cp,gn	-
410	" "	GB-85-1	6/85	164°	-45°	60'	606'	py,qcv,mag	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
•• - Free till heavy mineral concentrates

OBM FORM NO. 1

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
411	Johns-Manville Canada Inc. "Joseph Group"	GU-82-2†	11/82	225°	-44°	0'	302'	py,qcv,po	Au
412	" "	GU-82-1†	10/82	235°	-40°	0'	102'	py,qcv,po	Au
413	Kerr Addison Mines Ltd.	KG-86-1	3/86	33°	-50°	116'	500'	py,qcv,cp mag,hem	Au
414	" "	KG-86-3	4/86	77°	-50°	106'	510'	py,qcv,carb po,asp,calc hem, mag	Au
415	" "	KG1-86-2	3/86	77°	-50°	93'	500'	py,qcv	Au
416	" "	GU-85-47	4/85	-	-90°	115'	116'	-	-
417	" "	GU-85-46	4/85	-	-90°	80'	82'	-	-
418	" "	GU-85-45	4/85	-	-90°	82'	84'	-	-
419	" "	GU-85-44	4/85	-	-90°	54'	56'	-	-
420	" "	GU-85-43	4/85	-	-90°	44'	46'	-	-
421	" "	GU-85-42	4/85	-	-90°	62'	64'	-	-
422	" "	GU-85-41	4/85	-	-90°	79'	81'	-	-
423	" "	GU-85-52	4/85	-	-90°	133'	135'	-	-
424	" "	GU-85-51	4/85	-	-90°	72'	74'	-	-

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++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
425	Kerr Addison Mines Ltd.	GU-85-50	4/85	-	-90°	95'	97'	-	-
426	" "	GU-85-49	4/85	-	-90°	161'	163'	-	-
427	" "	GU-85-48	4/85	-	-90°	108'	113'	-	-
428	" "	GU-85-5	4/85	-	-90°	79'	81'	-	-
429	" "	GU-85-4	4/85	-	-90°	72'	74'	-	-
430	" "	GU-85-3	4/85	-	-90°	79'	81'	-	-
431	" "	GU-85-2	4/85	-	-90°	59'	61'	-	-
432	" "	GU-85-1	4/85	-	-90°	74'	76'	-	-
433	" "	GU-85-55	4/85	-	-90°	121'	123'	-	-
434	" "	GU-85-54	4/85	-	-90°	149'	151'	-	-
435	" "	GU-85-53	4/85	-	-90°	69'	71'	-	-
436	" "	GU-85-8	4/85	-	-90°	103'	105'	-	-
437	" "	GU-85-7	4/85	-	-90°	92'	94'	-	-
438	" "	GU-85-6	4/85	-	-90°	89'	91'	-	-
439	" "	GU-85-9	4/85	-	-90°	72'	74'	-	-
440	" "	GU-85-10	4/85	-	-90°	77'	79'	-	-

* - Length of overburden down drillhole
? - Location unknown
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GUIGORD TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
441	Kerr Addison Mines Ltd.	GU-85-11	4/85	-	-90°	69'	71'	-	-
442	" "	GU-85-12	4/85	-	-90°	67'	77'	-	-
443	" "	GU-85-13	4/85	-	-90°	62'	64'	-	-
444	" "	GU-85-14A	4/85	-	-90°	75'	77'	-	-
445	" "	GU-85-56	4/85	-	-90°	182'	184'	-	-
446	" "	GU-85-57	4/85	-	-90°	93'	95'	-	-
447	" "	GU-85-58	4/85	-	-90°	87'	89'	-	-
448	" "	GU-85-59	4/85	-	-90°	100'	102'	-	-
449	" "	GU-85-61	4/85	-	-90°	62'	64'	-	-
450	" "	GU-85-60	4/85	-	-90°	102'	104'	-	-
451	" "	GU-85-22	4/85	-	-90°	128'	130'	-	-
452	" "	GU-85-18	4/85	-	-90°	97'	99'	-	-
453	" "	GU-85-17	4/85	-	-90°	84'	86'	-	-
454	" "	GU-85-16	4/85	-	-90°	87'	89'	-	-
455	" "	GU-85-15	4/85	-	-90°	102'	104'	-	-
456	" "	GU-85-68	4/85	-	-90°	113'	115'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
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xx - No date
•• - From till heavy mineral concentrates

GSCF FORM NO. 1

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
457	Kerr Addison Mines Ltd.	GU-85-67	4/85	-	-90°	141'	145'	-	-
458	" "	GU-85-66	4/85	-	-90°	120'	122'	-	-
459	" "	GU-85-65	4/85	-	-90°	98'	100'	-	-
460	" "	GU-85-64	4/85	-	-90°	93'	95'	-	-
461	" "	GU-85-63	4/85	-	-90°	84'	86'	-	-
462	" "	GU-85-62	4/85	-	-90°	80'	82'	-	-
463	" "	GU-85-23	4/85	-	-90°	128'	130'	-	-
464	" "	GU-85-24	4/85	-	-90°	111'	115'	-	-
465	" "	GU-85-25	4/85	-	-90°	105'	107'	-	-
466	" "	GU-85-19	4/85	-	-90°	44'	46'	-	-
467	" "	GU-85-20	4/85	-	-90°	74'	76'	-	-
468	" "	GU-85-21	4/85	-	-90°	64'	66'	-	-
469	" "	GU-85-69	4/85	-	-90°	72'	74'	-	-
470	" "	GU-85-40	4/85	-	-90°	74'	76'	-	-
471	" "	GU-85-39	4/85	-	-90°	77'	79'	-	-
472	" "	GU-85-38	4/85	-	-90°	98'	100'	-	-

* - Length of overburden down drillhole
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OBIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
473	Kerr Addison Mines Ltd.	GU-85-37	4/85	-	-90°	112'	114'	-	-
474	" "	GU-85-36	4/85	-	-90°	144'	146'	-	-
475	" "	GU-85-35	4/85	-	-90°	100'	100'	incomplete	
476	" "	GU-85-34	4/85	-	-90°	116'	118'	-	-
477	" "	GU-85-33	4/85	-	-90°	103'	105'	-	-
478	" "	GU-85-32	4/85	-	-90°	100'	102'	-	-
479	" "	GU-85-31	4/85	-	-90°	92'	94'	-	-
480	" "	GU-85-26	4/85	-	-90°	105'	107'	-	-
481	" "	GU-85-27	4/85	-	-90°	107'	109'	-	-
482	" "	GU-85-28	4/85	-	-90°	121'	123'	-	-
483	" "	GU-85-29	4/85	-	-90°	121'	123'	-	-
484	" "	GU-85-30A	4/85	-	-90°	118'	120'	-	-
485	Lacana Mining Corp.	FE-86-1	6/86	0°	-45°	30'	480'	py,qcv,po cp,asp	-
486	Morgan Creek Mines Ltd.	2	xx	45°	-34°	9'	997'	py	-
487	" "	3	xx	190°	-35°	7'	982'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

GEOF FORM NO. 1

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
488	Morgan Creek Mines Ltd.	4	xx	186°	-60°	76'	600'	py	-
489	" "	5	xx	6°	-60°	118'	600'	py,qcv,serp	-
490	" "	6	xx	6°	-58°	121'	797'	qcv	-
491	" "	7	xx	6°	-60°	116'	795'	-	-
492	" "	8	xx	6°	-60°	121'	434'	-	-
493	" "	9	xx	6°	-60°	112'	800'	-	-
494	" "	10	xx	6°	-60°	110'	606'	-	-
495	" "	12	xx	270°	-50°	6'	902'	py	-
496	Neal, H.E.	GN-1	11/85	0°	-55°	168'	680'	py,qcv,asb cp,carb,po	-
497	New Kelore Mines Ltd. "Hislop & Guibord Tps."	95	xx	-	-	131'	1007'	qcv,spec,q,py	-
498	St. Joe Canada Inc.	PR-162	11/83	-	-90°	24'	28'	-	-
499	" "	PR-163	11/83	-	-90°	57'	61'	qcv	-
500	" "	PR-164	11/83	-	-90°	84'	87'	py,qcv	-
501	" "	PR-165	11/83	-	-90°	36'	41'	py,qcv	-
502	" "	PR-166	11/83	-	-90°	29'	34'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

OBIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
503	St. Joe Canada Inc.	PR-168	2/84	-	-90°	30'	34'	-	-
504	" "	PR-169	2/84	-	-90°	58'	64'	py	-
505	" "	PR-170	2/84	-	-90°	76'	79'	-	-
506	" "	PR-171	2/84	-	-90°	33'	38'	-	-
507	" "	PR-172	2/84	-	-90°	63'	66'	-	-
508	Skjonsby, K.E.	G-1	4/65	180°	-45°		26'	py	-
509	" "	G-2	4/65	180°	-45°		28'	py	-
510	" "	G-3	4/65	180°	-45°		26'	qcv	-
511	" "	G-4	4/65	180°	-45°		40'	-	-
512	" "	G-5	4/65	0°	-60°	117'	144'	-	-
513	" "	G-6	4/65	-	-90°	92'	103'	-	-
514	" "	G-7	4/65	NW	-65°	83'	111'	-	-
515	" "	G-8	4/65	270°	-60°	87'	102'	qcv	-
516	" "	G-9	4/65	0°	-60°	98'	118'	qcv	-
517	" "	G-10	4/66	280°	-65°	85'	114'	qcv	-
518	" "	G-11	4/66	-	-90°	87'	102'	-	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
519	Skjonsby, K.E.	G-12	4/66	-	-90°	106'	109'	-	-
520	" "	G-13	4/66	-	-90°	95'	104'	-	-
521	" "	G-14	4/66	180°	-45°		104'	py,.qcv	-
522	South Porcupine Syndicate	1	1944	225°	-50°	103'	1000'	-	-
523	" "	2	1944	225°	-50°	86'	1128'	-	-
524	" "	3	1944	225°	-50°	155'	1000'	-	-
525	" "	4	1944	225°	-50°	99'	1032'	py,qcv,carb	-
526	" "	6A	1944	45°	-50°	67'	825'	-	-
527	" "	5	1944	225°	-50°	65'	1001'	-	-
528	" "	7	1944	225°	-50°	44'	1002'	qcv	-
529	" "	9	1944	225°	-50°	160'	200'	-	-
530	" "	9A	1944	45°	-50°	90'	1000'	py,qcv	-
531	" "	10	1944	225°	-50°	103'	1000'	py,qcv,carb	-
532	" "	11	1944	45°	-50°	88'	991'	qcv	-
533	" "	12B	1944	225°	-50°	92'	1005'	py,qcv	-
534	" "	13	1944	45°	-50°	103'	1000'	qcv	-

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xx - No date
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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
535	South Porcupine Syndicate	14	1944	45°	-50°	152'	1000'	-	-
536	" "	15	1944	45°	-50°	107'	973'	mag,py	-
537	" "	16	1944	45°	-50°	115'	1005'	py,q,carb	Au
538	" "	17	1944	45°	-50°	163'	772'	-	-
539	" "	18	1944	45°	-50°	147'	477'	hem	-
540	" "	19	1944	45°	-50°	147'	808'	-	-
541	Stewart, W.T.	1A	10/57	200°	-45°		121'	-	-
542	" "	2A	10/57	200°	-45°		122'	-	-
543	White-Guyatt Mining Co. Ltd.	S16	4/46	13°	-40°	5'	857'	qcv,calc,q py,carb	Au
544	" "	S17	5/46	347°	-40°	5'	857'	py,qcv,calc	Au
545	" "	S27	5/46	164°	-45°	6'	309'	qcv	Au
546	" "	S48	9/46	347°	-45°	10'	300'	qcv	Au
547	" "	S49	9/46	18°	-40°	5'	893'	qcv,carb,asp cp,gn	Au

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xx - No date
++ - From till heavy mineral concentrates

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
2	Questor Surveys Limited Amax Potash Limited	Electromagnetic Magnetic	-	010°	1/8+1/4mi
18	Aeromagnetic Surveys Ltd.	Magnetic	1400'	N-S E-W	2640 ft 660 ft
	Consolidated Ranwick Uranium Mines Ltd.	Radiometric	1400'	N-S E-W	2640 ft 660 ft
26	Airborne Technical Services (Selco Exploration Co. Ltd.)	Electromagnetic			100 ft 200 ft
	Falconbridge Nickel Mines Ltd. "Lightning River Area"				
60	H. Ferderber Geophysics Ltd.	Magnetic	250'	N-S	100m 328 ft
	Obradovich, T.	Electromagnetic			
67	Terraquest Ltd.	Magnetic	80m 262'	N-S	100m 328 ft
	St. Joe Canada Inc.	Electromagnetic			
72	Dighem Ltd. Tagliamonte, F. & Fedora, J.A.	Magnetic Electromagnetic	170' 110'	N-S N-S	1/8+1/10mi 1/8+1/10mi

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
59	Humic Survey	Au,As,Zn - neutron activation Cu,Pb,Ag - plasma emission spectrometry	X-Ray Assay Laboratories Ltd., Don Mills	
24	Rock Sampling	Au-neutron activation	Bequerel Laboratories	

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

Aerial Photographs

Black and White scale 1:1/4 mile
scale 1:1 mile

Landsat Data scale 1:500,000

Band 3 , 9/5/83
Band 4 , 31/2/83
Bands 1+2+4 , 2/10/83
Bands 1+2+4 , 9/5/83

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kirkland Lake

Falconbridge Nickel			
	The Northern Miner	Sep 13, 1984	
Garrison Harbour			
	The Northern Miner	Dec 14, 1967	
Garrison Township			
	The Northern Miner	Aug 10, 1981	
Grandad Resources			
	The Northern Miner	Dec 30, 1985	
Gui Por Uranium			
	The Northern Miner	May 22, 1969	
Hollinger			
	The Northern Miner	Jan 13, 1972	
Jascan			
	The Northern Miner	Feb 17, 1986	
Kelore Mines			
	The Northern Miner	Jan 05, 1984	
Kelrowe			
	The Northern Miner	Jun 15, 1939	
Matachewan Consolidated			
	The Northern Miner	Oct 18, 1979	May 30, 1985
New Kelore			
	The Northern Miner	no date	Dec 30, 1971
		Dec 26, 1975	
White Guyatt			
	The Northern Miner	Nov 16, 1967	

ODM GENERAL INDEX SEARCH

Words searched:

Gold Pyramid Mine
Guibord Township
Hislop Gold Mines
Kelore Mines Ltd.
Kelwren Gold Mines
Reoplata Mines
Talisman Gold Mine
White-Guyatt Mining Co. Ltd.

Index Volume	Listing	Report Volume	Part	Page
1	Guibord Tp., Tim			
	Gold	28	1	52
		29	1	12,53, 119
	mining	20	1	105
		21	1	296
		24	1	171,176 181
2	Guibord Tp., Coch.			
	Altered sediments	28	2	22
	Gold. see Gold Pyramid m.			
	Keewatin hills	28	2	5
	Map, geological, see map 28b with	28	2	
	Gold Pyramid Mine, Guibord Tp.			
	Description; plant burned	28	2	54
	Producing	28	2	24
		30	2	28
	Vein, character	28	2	53
	Location, map showing facing	30	2	18
3	Guibord Tp., Coch.			
	Glacial deposits	45	6	2,4
	Gold deposits	45	6	16,17
	mg. properties	45	6	33-35
	see also Hislop Gold Mines Talisman g.m.			
	Quartz veins, photo	45	6	16
	Rocks	45	6	7-15
	Topography	45	6	4
	Hislop Gold Mines Ltd.			
	Capital; officers; operations	47	1	132
	Incorporated	37	1	57
	Property, report on	45	6	27,29
	Talisman Gold Mine, Guibord Tp.			
	Geology and workings	45	6	33-35
	Operations (1933)	43	1	101
	(1934)	44	1	145
	Shaft and dump, photo	45	6	33
	Incorporated	43	1	40

GDM FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
4	Guibord Tp., Coch.			
	Gold mg.			
	see Kelore Mines			
	Kelwren Gold Mines			
	White-Guyatt Mg. Co.			
	Rocks	56	7	6,12, 16
	Kelore Mines Ltd.			
	Capital; officers; operations	58	2	35
	succeeds Kelwren Gold Mines	58	1	45
		58	2	35
	Kelwren Gold Mines Ltd.			
	Capital; officers; operations	57	2	43
	Incorporated	55	1	55
	Name changed	58	1	45
		58	2	35
	White-Guyatt Mining Co. Ltd.			
	Capital; officers; operations (1940)	50	1	142
	(1941)	51	1	211,212
	Fire at mine	50	1	187
5	Guibord Tp., Coch.			
	Geology, report on, with map by V.K. Prest	60	9	
	Gold mg.			
	see Gold Pyramid gm.			
	Reoplata Mines			
	Gold Pyramid Gold Mine, Guibord Tp.			
	Production	64	1	14
	Report on	60	9	45
	Reoplata Mines Ltd.			
	Capital; officers; operations	61	2	69
6	Guibord Tp., Coch.			
	Rocks, structure	65	5	31
8	Guibord Tp., Coch.			
	Gold	MRC-013		70-71

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1970	Ontario Geological Map	ODMNA Map 2196	1:1 013 760
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1971	Ontario Geological Map, East Central Sheet	ODMNA Map 2198	1:1 013 760
Boissoneau, A.N.	1965	Algoma-Cochrane Surficial Geology, Ontario	ODL & F Map S365	1:506 880
Boissoneau, A.N.	1965	Algoma, Sudbury, Timiskaming and Nipissing Surficial Geology	ODL & F Map S465	1:506 880
Card, K.D. Sanford, B.V.	1983	Geology of the Timmins Map Sheet (NM-17)	GSC OF 956	1:1 000 000
Easton, R.M.	1986	Geochronology Compilation Map for Ontario: Sheet 3: East-Central Ontario, All Isotopic Systems	OGS Map P.2842	1:1 013 760
Ginn, R.M.	1964	Timmins-Kirkland Lake Sheet, Cochrane, Sudbury and Timiskaming Dists., Ont. Geol. Compilation Series	ODM Map 2046	1:253 440
Gordon, J.B.	1977	Gold Deposits of Ontario, East Central Sheet	OGS Map P.1228	1:1 013 760
Gordon, J.B.	1980	Vein Silver Deposits of Ontario, East Central Sheet	OGS Map P.2300	1:1 013 760
Guillet, G.R.	1977	Clay and Shale Deposits of Ontario	OGS Map 2358 (MDC 15)	1:200 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Jost, M.	1977	Nickel Deposits of Ontario, East Central Sheet	OGS Map P.1062	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, Explanatory Text, Legend and Diagrams of Major Lithologies, Structures and Zones of Metamorphism	OGS Map 2391	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, East Central Sheet	OGS Map 2393	1:1 013 760
MERQ-OGS	1984	Lithostratigraphic Map of the Abitibi Subprovince	OGS Map 2484 Que Map DV83-16	1:500 000
Meyn, H.D. Howarth, J.R.	1977	Molybdenum Deposits of Ontario, East Central Sheet	OGS Map P.1246	1:1 013 760
Meyn, H.D. Robertson, J.A.	1975	Iron Deposits of Ontario, East Central Sheet, Districts of Thunder Bay, Algoma, Cochrane, Sudbury, Timiskaming and Nipissing	ODM Map P.1043	1:1 013 760
Ministry of Natural Resources	1985	Ontario Mineral Map	ODM Map 2472	1:1 584 000
Minnes, D.G. Masham, J.S. Scott, D.W. Vos, M.A. & Yundt, S.E.	1983	Industrial Minerals of Ontario	OGS Map P.2591	1:1 500 000
ODM	1969	Mining Divisions and Resident Geologists Districts	ODM Map 2189	1:1 584 000
ODM	1974	Ontario Mineral Map	ODM Map 2310	1:1 584 000
ODM	1977	Ontario Geology and Principal Minerals	ODM Map 2389 (Rev.)	1:4 224 000

GDIF FORM NO. 9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ODMNA	1971	Ontario Geology and Principal Mineral Collecting Localities, Discover Ontario	ODMNA Map 2211	1:4 224 000
OGS	1986	Geological Highway Map, Northern Ontario	OGS Map 2506	1:1 600 000
Pyke, D.R., Ayres, L.D. Innes, D.G.	1973	Timmins - Kirkland Lake, Geological Compilation Series, Cochrane, Sudbury and Timiskaming Districts	ODM Map 2205	1:253 440
Robertson, J.A.	1976	Mineral Potential Map of Ontario, East Central Sheet	ODM Map P.1099	1:1 013 760
Robertson, J.A.	1982	Uranium and Thorium Deposits of Ontario, East Central Sheet, NTS 31/NW, 32/W, 41/N, 42	OGS Map P.2426	1:1 013 760
Springer, J.	1977	Ontario Mineral Potential, Timmins Sheet and Part of Noranda-Rouyn Sheet, Districts of Sudbury, Timiskaming and Cochrane	OGS Map P.1517	1:250 000
		GEOPHYSICAL MAPS		
Data Plotting Services Inc.	1984	Matheson-Black River Area (BRIM) Magnetic Survey Total Field, based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:80 000
Data Plotting Services Inc.	1985	Matheson-Black River Area (BRIM) Airborne Magnetic Survey Second Vertical Derivative based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:100 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Dighem Surveys and Processing Inc.	1986	"Enhanced Shadow" Magnetics, Black River-Matheson Area (BRIM) based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:100 000
GSC	1970	Matheson, Cochrane District, Aeromagnetic Series	GSC Map 296G (Rev.)	1:63 360
GSC	1970	Ramore, Cochrane and Timiskaming Districts, Aeromagnetic Series	GSC Map 295G (Rev.)	1:63 360
GSC	1970	Timmins, Cochrane, Timiskaming and Sudbury Districts, Ontario, Total Field Contour Map Aeromagnetic Series	GSC Map 7085G	1:250 000
GSC	1970	Ramore, Cochrane and Timiskaming Districts, Ontario Aeromagnetic Series	GSC Map 8430G	1:31 680
GSC	1970	Matheson, Cochrane District, Ontario, Aeromagnetic Series	GSC Map 8431G	1:31 680
GSC	1970	Ramore, Cochrane and Timiskaming Districts, Aeromagnetic Series	GSC Map 8433G	1:31 680
GSC	1970	Matheson, Cochrane District, Aeromagnetic Series	GSC Map 8434G	1:31 680
GSC	1975	Ramore East, NTS 42A/8h, (High Resolution Aeromagnetic)	GSC Map 20 152	1:25 000
GSC	1975	Matheson East, NTS 42A/9b, (High Resolution Aeromagnetic)	GSC Map 20 153	1:25 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ODMNA	1971	Helicopter Radiophase Survey In-Line/In-Phase Contours, Guibord Township	ODMNA Map P.664	1:15 840
ODMNA	1971	Helicopter E-Phase Survey, Apparent Resistivity Contours, Guibord Township	ODMNA Map P.658	1:15 840
ODMNA	1971	Helicopter Gamma-Ray Spectrometer Survey, Total Count Contours, Guibord Township	ODMNA Map P.652	1:15 840
ODMNA	1971	Aeromagnetic Survey, Total Intensity Contours, Guibord Township	ODMNA Map P.646	1:15 840
ODMNA	1974	Aeromagnetic Index of Ontario	ODMNA Map 2229	1:1 900 800
OGS	1984	Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, Guibord Township	OGS Map 80 596	1:20 000 1:31 680
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Total Count, Timmins, NTS 42A	OGS Map 80 280 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Potassium (Percent), Timmins, NTS 42A	OGS Map 80 281 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Uranium (eU), Timmins, NTS 42A	OGS Map 80 282 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Thorium (eTh), Timmins, NTS 42A	OGS Map 80 283 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eU/Th Ratio, Timmins, NTS 42A	OGS Map 80 284 GSC Map 35142G	1:250 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, Th, K, U/Th, U/K, Th/K for line 60 (1), Timmins, NTS 42A	OGS Map 80 315 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, Th, K, U/Th, U/K, Th/K for line 61 (1), Timmins, NTS 42A	OGS Map 80 316 GSC Map 35142G	1:250 000
		GEOLOGICAL MAPS AND REPORTS		
Baker, C.L.	1982	Drift Thickness of the Ramore Area, Cochrane and Timiskaming Districts	OGS Map P.2477	1:50 000
Baker, C.L.	1982	Sand and Gravel Resources of the Ramore Area, Cochrane and Timiskaming Districts	OGS Map P.2489	1:50 000
Baker, C.L.	1985	Overburden Stratigraphy of the Matheson Area: Advancing Thoughts on Ice Fronts (Abstract)	OGS Geo.Sci. Seminar & Open House '85	p.9
Baker, C.L.	1985	Quaternary Geology of the Kirkland Lake Area, Districts of Cochrane and Timiskaming	OGS OFR 5553	144p.
Baker, C.L. McClenaghan, M.B. Steele, K.G.	1985	Reconnaissance Heavy Mineral and Geochemical Sampling of the Munro Esker, Lake Abitibi Area, Cochrane District	OGS MP 126	p.297-300
Baker, C.L. Seaman, A.A. Steele, K.G.	1980	Quaternary Geology of Ramore Area, Districts of Cochrane and Timiskaming	OGS Map P.2381	1:50 000
Baker, C.L. Steele, K.G.	1984	Sonic Drilling-Exploration Basics in the Matheson Area (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.23

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Baker, C.L. Seaman, A.A. Steele, K.G.	1980	Quaternary Geology of Ramore Area, Districts of Cochrane and Timiskaming	OGS Map P.2381	1:50 000
Baker, C.L. Steele, K.G.	1984	Sonic Drilling-Exploration Basics in the Matheson Area (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.23
Baker, C.L. Steele, K.G. McClenaghan, M.B.	1985	Reconnaissance Till Sampling Program, Matheson-Lake Abitibi Area, Cochrane District	OGS MP 126	p.329-333
Baker, C.L. Steele, K.G. McClenaghan, M.B.	1986	Gold Grains in Sonic Drill Core Samples (1985) from the Lake Abitibi-Matheson Area, District of Cochrane	OGS Map P.2958	1:100 000
Barlow, R.B. Pitcher, D.H.	1984	An Airborne Electromagnetic-Magnetic Survey of the Black River-Matheson (BRIM) Area, District of Cochrane	OGS MP 119	p.287-289
Bath, A.C.	1985	Black River-Matheson Economic Geologist Program	OGS MP 126	p.301-311
Bath, A.C.	1985	Black River-Matheson Economic Geologist Program (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.8
Bath, A.C.	1986	Black River-Matheson Economic Geologist Program	OGS MP 132	p.421-430
Burrows, A.G.	1912	Gold Area in the Townships of Munro and Guibord, Timiskaming District	OBM Map 21C	1:63 360
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GUILFORD TOWNSHIP

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO. 9

GSC Index to Publication

Words searched:
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Index Volume	Listing	Report Volume	Part	Page
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		Economic Geology 15		62
1951 to 1959	Guibord Tp., Coch Gravel	MAP 46 1959		

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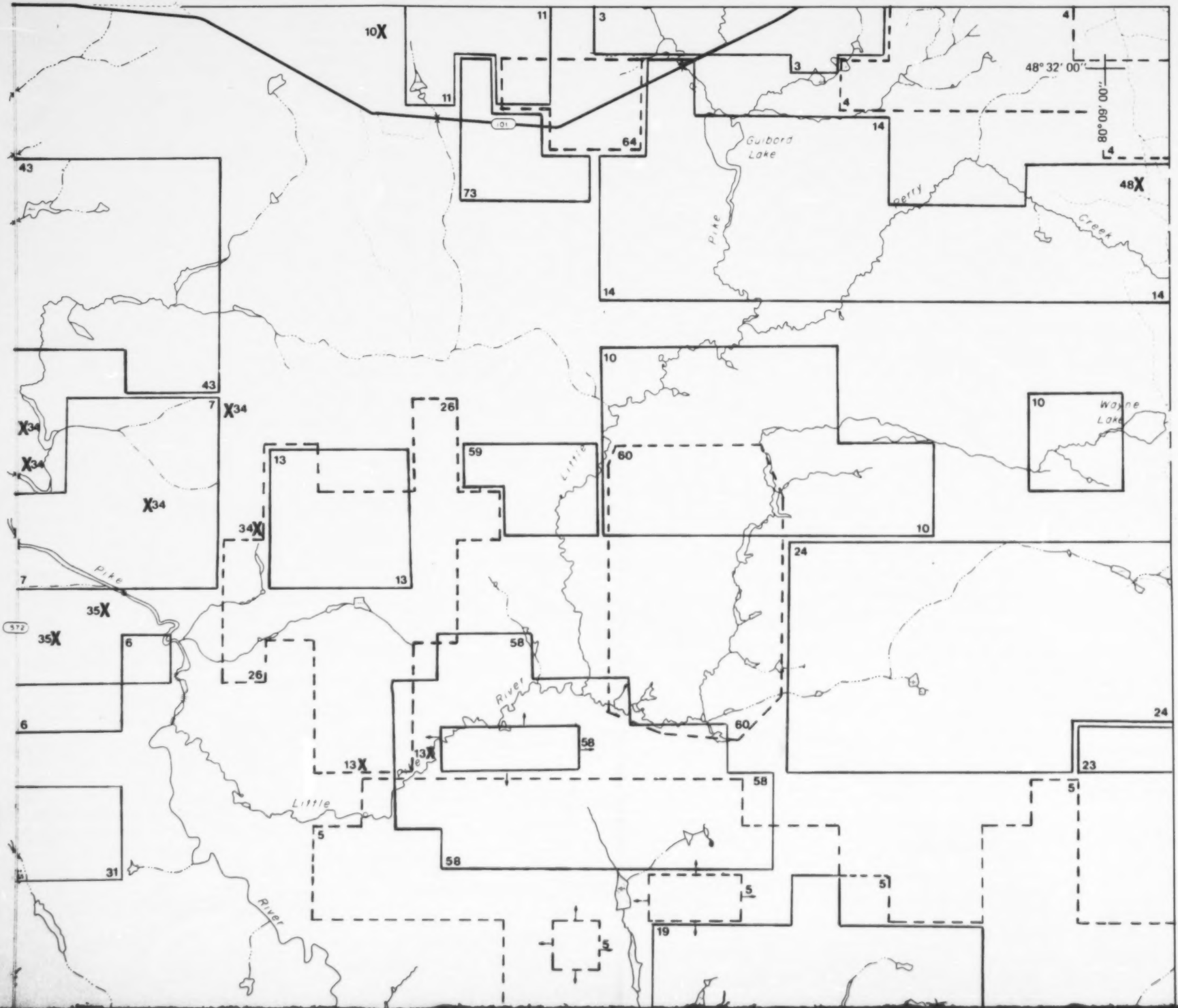


Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 399

(Map 1 of 4)

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Miles

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 399

(Map 1 of 4)

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Miles

80°

Guibord Lake

Pike River

Creek

Wayne Lake

Little River

80°16' 00"

48°27' 30"

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area exploration.

Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 399

(Map 2 of 4)

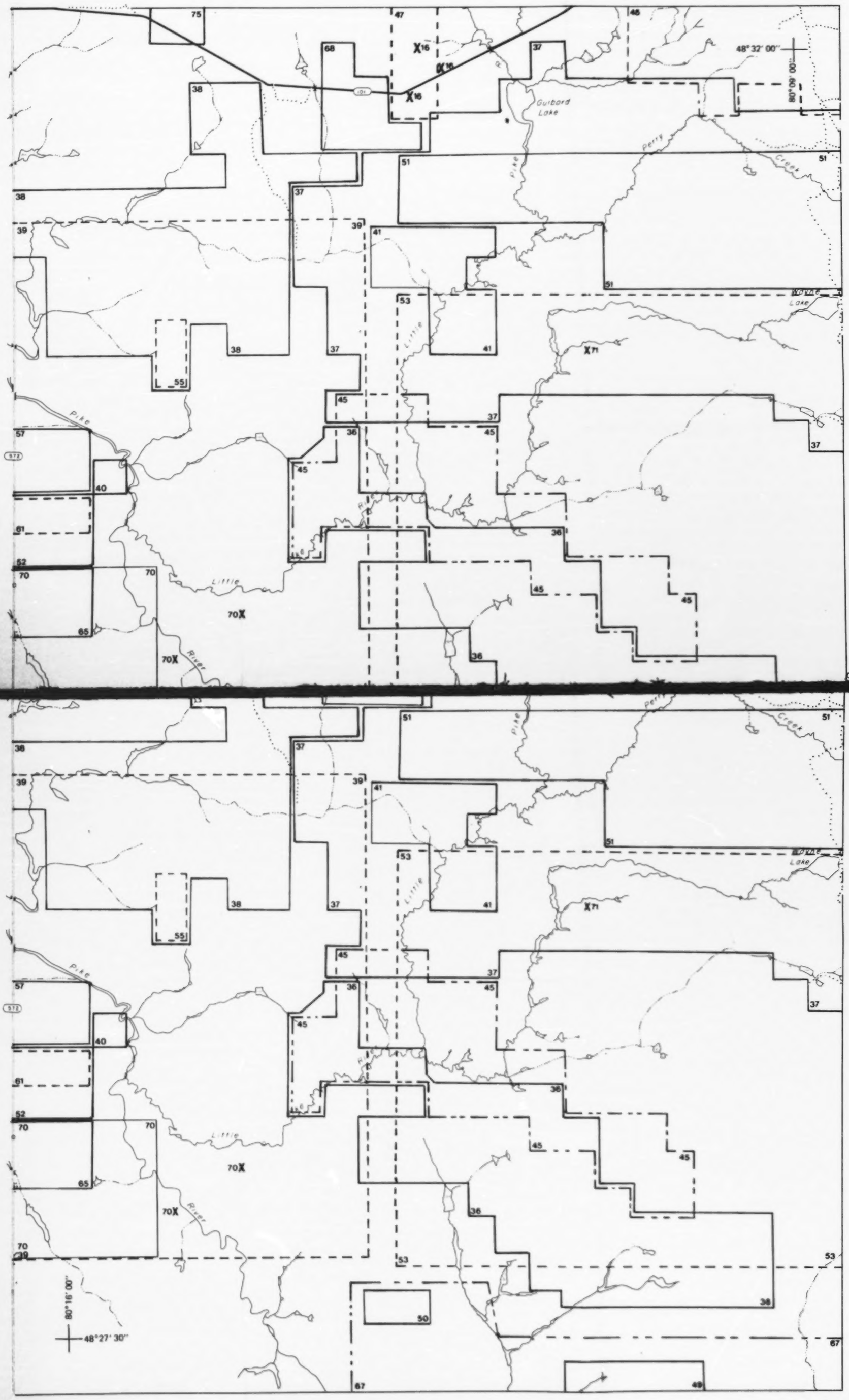
GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Miles



EXPLORATION DATA FILE AREAS

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Miles

EXPLORATION DATA FILE AREAS

- Reference number is always inside work area outlined. See listing in text pages.
- Small area exploration.

Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 399

(Map 3 of 4)

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Miles

48°32'00"

80°09'00"

48°27'30"

80°16'00"

Guibord Lake

Pike River

Perry Creek

Little Pike River

Wayne Lake

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area exploration.

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Miles

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

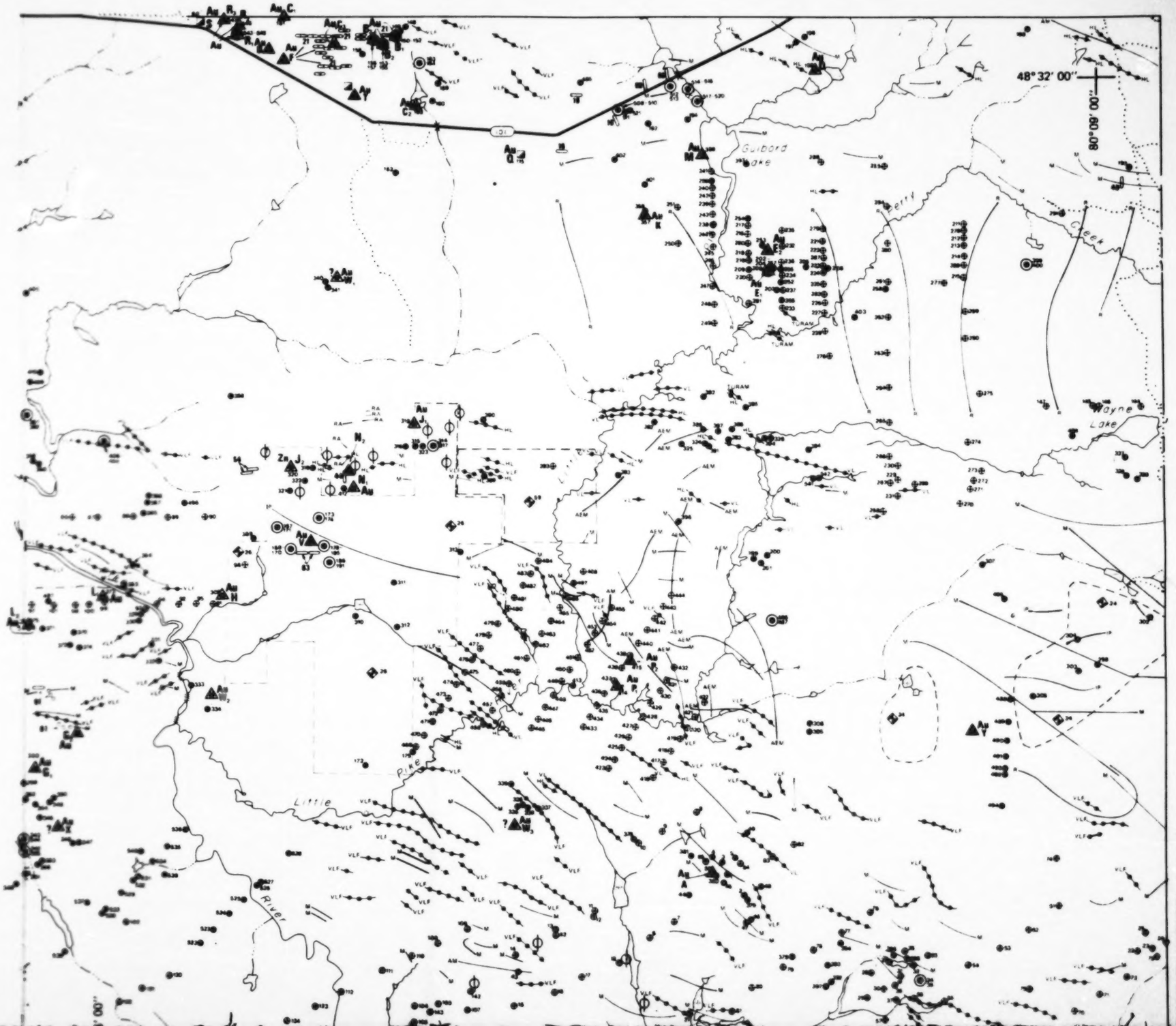
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

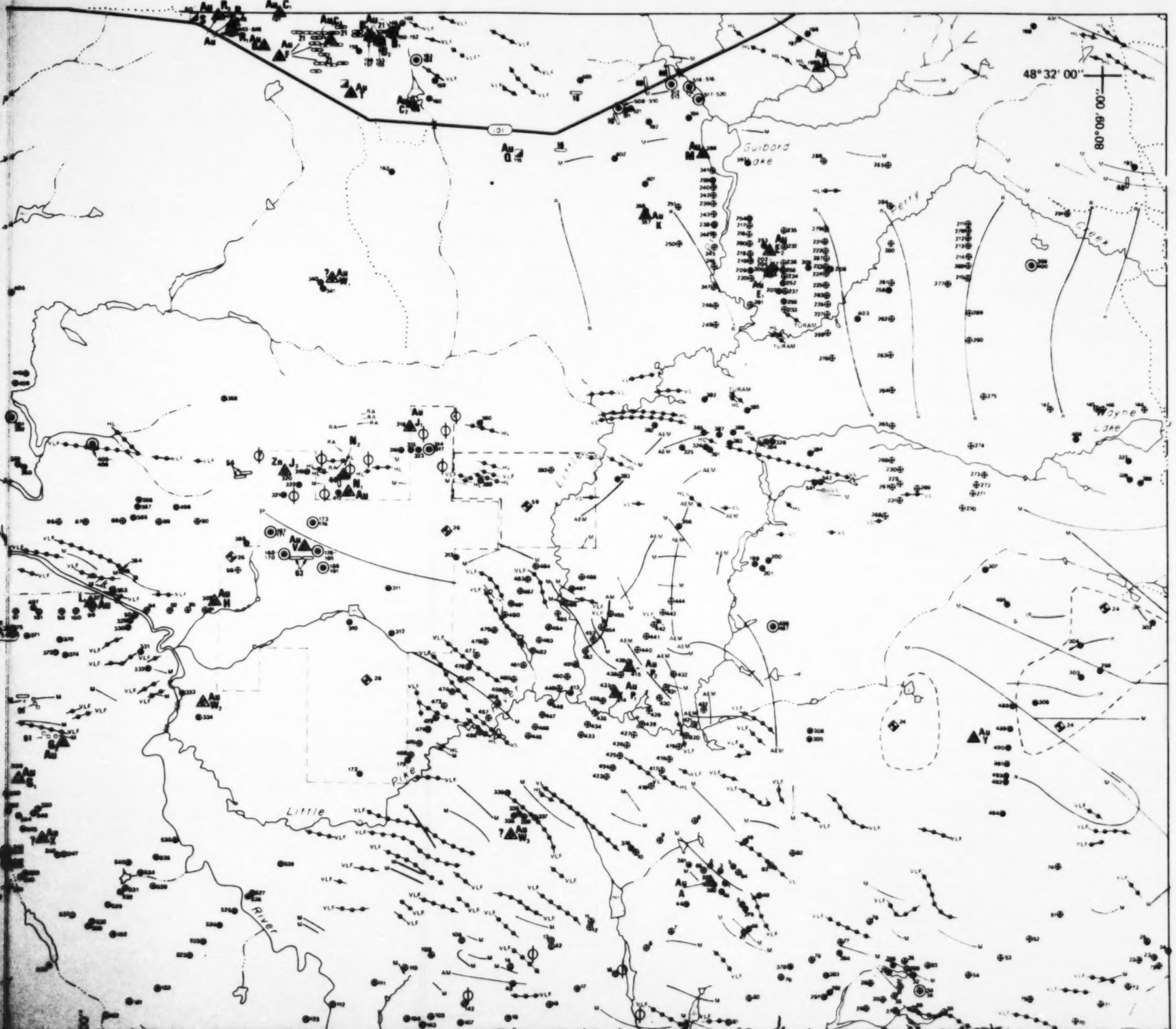
GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly (total intensity)
- Resistivity anomaly
- Gravity anomaly
- Airborne Electromagnetic Anomaly conductor axis

MISCELLANEOUS DATA

- Trenching, pit with reference number
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit





Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 399

(Map 4 of 4)

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter
- Mineral occurence in drillhole, with reference letter, and drillhole number
- Mineral occurence in drillhole, with reference letter, but no drillhole number

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole: churn drilling, with reference number

RR3

Age dating material sampling site, with reference number

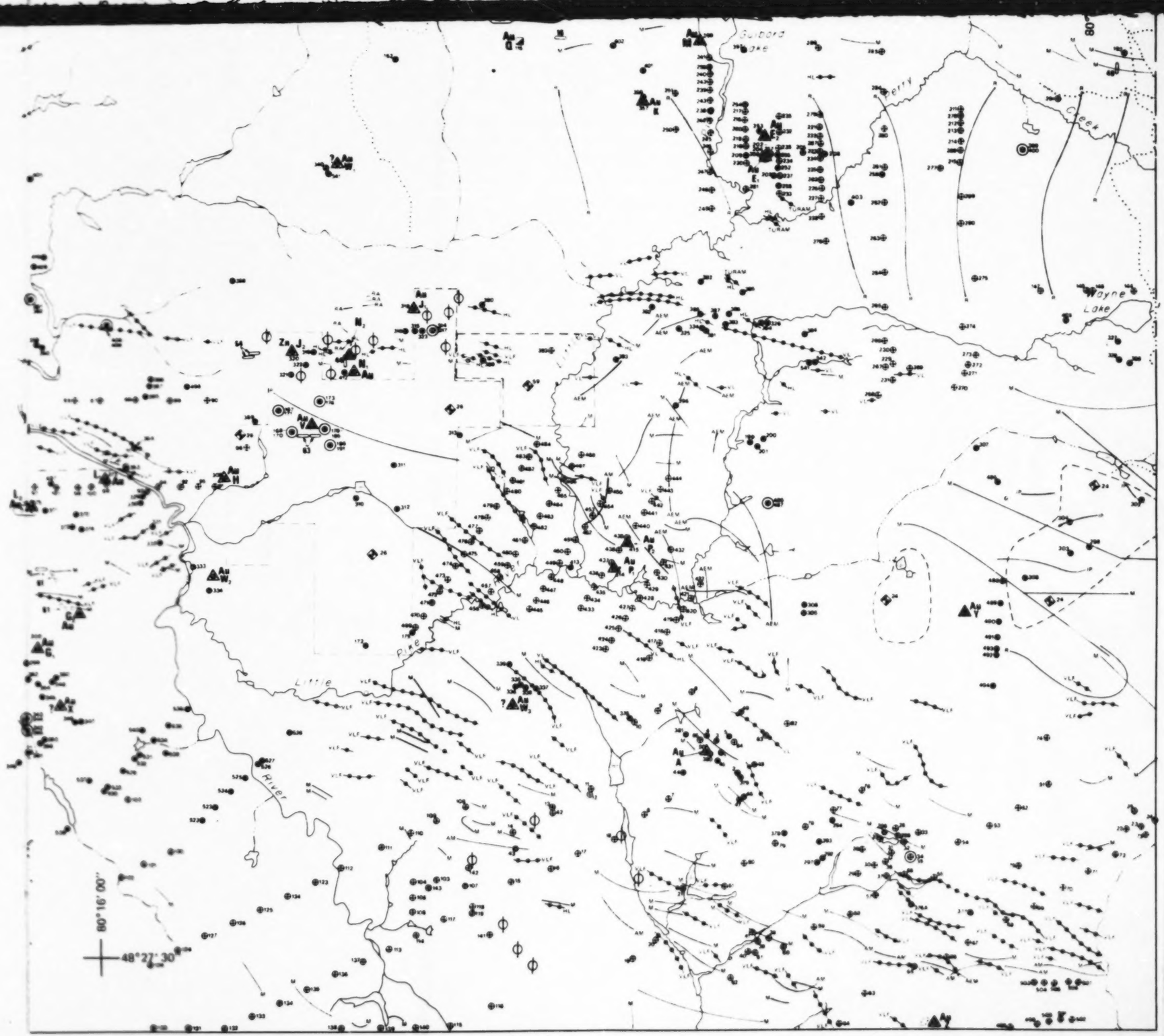
GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop;
  VLF - Very low freq; Turam; JEM
  - Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly
- Airborne Electromagnetic Anomaly
  conductor axis

MISCELLANEOUS DATA

- Trenching, pit with reference number
- Adit
- Open pit
- Rock quarry
- Sand and or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 399

(Map 4 of 4)

GUIBORD TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84 — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- cp A. 12 — Mineral occurence in drillhole, with reference letter, and drillhole number
- A.? — Mineral occurence in drillhole, with reference letter, but no drillhole number

DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- 2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- 2 — Property with drillholes which have not been plotted on map, with reference number
- 2 — Reverse circulation drillhole; churn drilling, with reference number

80°16'00"

48°27'30"

Guibord Lake

Perry Creek

Wayne Lake

Little Pike River